

10/016,985

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(FILE 'HOME' ENTERED AT 12:04:44 ON 01 APR 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 12:07:11 ON 01 APR 2004

L1 1184310 S KINASE?  
L2 428442 S HUMAN AND L1  
L3 19760 S HUMAN (3W) L1  
L4 6452300 S CLON? OR EXPRESS? OR RECOMBINANT  
L5 9453 S L3 AND L4  
L6 1029318 S S BRAIN OR PITUITARY OR BONE(A) MARROW  
L7 1187389 S LYMPH(A)NODE OR THYROID OR OVARY OR FETAL(A) LUNG  
L8 1483626 S OSTEOSARCOMA OR CARCINOMA  
L9 3395307 S L6 OR L7 OR L8  
L10 1119 S L5 AND L9  
L11 399431 S SERINE OR THREONINE  
L12 174 S L10 AND L11  
L13 115 DUP REM L12 (59 DUPLICATES REMOVED)  
E YU X/AU  
L14 1943 SS E3  
L15 1943 S E3  
E MIRANDA M/AU  
L16 1112 S E3  
E FRIDDLW C J/AU  
E FRIDDLE C J/AU  
L17 35 S E6  
E WALKE D W/AU  
L18 50 S E4  
L19 3121 S L15 OR L16 OR L17 OR L18  
L20 3 S L13 AND L19

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	SEP 09	CA/CAPLUS records now contain indexing from 1907 to the present
NEWS	4	DEC 08	INPADOC: Legal Status data reloaded
NEWS	5	SEP 29	DISSABS now available on STN
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NEWS	7	OCT 21	BIOSIS file reloaded and enhanced
NEWS	8	OCT 28	BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS	9	NOV 24	MSDS-CCOHS file reloaded
NEWS	10	DEC 08	CABA reloaded with left truncation
NEWS	11	DEC 08	IMS file names changed
NEWS	12	DEC 09	Experimental property data collected by CAS now available in REGISTRY
NEWS	13	DEC 09	STN Entry Date available for display in REGISTRY and CA/CAPLUS
NEWS	14	DEC 17	DGENE: Two new display fields added
NEWS	15	DEC 18	BIOTECHNO no longer updated
NEWS	16	DEC 19	CROPU no longer updated; subscriber discount no longer available
NEWS	17	DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS	18	DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS	19	DEC 22	ABI-INFORM now available on STN
NEWS	20	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	21	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS	22	FEB 05	German (DE) application and patent publication number format changes
NEWS	23	MAR 03	MEDLINE and LMEADLINE reloaded
NEWS	24	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	25	MAR 03	FRANCEPAT now available on STN
NEWS	26	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	27	MAR 29	WPIFV now available on STN
NEWS	28	MAR 29	No connect hour charges in WPIFV until May 1, 2004
NEWS	29	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	EXPRESS		MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
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FILE 'HOME' ENTERED AT 12:04:44 ON 01 APR 2004

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=> file medline embase biosis biotechds scisearch hcaplus ntis lifesci
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                0.84      0.84
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FILE 'EMBASE' ENTERED AT 12:07:11 ON 01 APR 2004  
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COPYRIGHT (C) 2004 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

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FILE 'HCAPLUS' ENTERED AT 12:07:11 ON 01 APR 2004  
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FILE 'LIFESCI' ENTERED AT 12:07:11 ON 01 APR 2004  
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

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=> s kinase?
L1      1184310 KINASE?
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=> s human and l1
L2      428442 HUMAN AND L1
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=> s human (w3) l1
MISSING OPERATOR 'HUMAN (W3)'
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
```

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=> s human (3w) l1
L3      19760 HUMAN (3W) L1
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=> s clon? or express? or recombinant
      5 FILES SEARCHED...
L4      6452300 CLON? OR EXPRESS? OR RECOMBINANT
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```
=> s l3 and l4
L5      9453 L3 AND L4
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```
=> s s brain or pituitary or bone(a) marrow
L6      1029318 S BRAIN OR PITUITARY OR BONE(A) MARROW

=> s lymph(a)node or thyroid or ovary or fetal(a)lung
L7      1187389 LYMPH(A) NODE OR THYROID OR OVARY OR FETAL(A) LUNG

=> s osteosarcoma or carcinoma
L8      1483626 OSTEOSARCOMA OR CARCINOMA

=> s l6 or l7 or l8
L9      3395307 L6 OR L7 OR L8

=> s l5 and l9
L10     1119 L5 AND L9

=> s serine or threonine
L11     399431 SERINE OR THREONINE

=> s l10 and l11
L12     174 L10 AND L11

=> dup rem l12
PROCESSING COMPLETED FOR L12
L13     115 DUP REM L12 (59 DUPLICATES REMOVED)

=> d 1-115 ibib
```

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L13  ANSWER 1 OF 115  HCAPLUS  COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER:      2004:85983  HCAPLUS
DOCUMENT NUMBER:       140:194431
TITLE:                 Human prostate cancer marker genes associated with
                        various metastatic stages identified by gene
                        profiling, and related compositions, kits, and methods
                        for diagnosis, prognosis and therapy
INVENTOR(S):           Schlegel, Robert; Endege, Wilson O.
PATENT ASSIGNEE(S):    Millennium Pharmaceuticals, Inc., USA
SOURCE:                U.S. Pat. Appl. Publ., 131 pp.
                        CODEN: USXXCO
DOCUMENT TYPE:         Patent
LANGUAGE:              English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004009481	A1	20040115	US 2002-166883	20020611
US 2004009481	A1	20040115	US 2002-166883	20020611
PRIORITY APPLN. INFO.:			US 2001-297285P P	20010611
			US 2002-166883 A	20020611

```
L13  ANSWER 2 OF 115  HCAPLUS  COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER:      2004:96958  HCAPLUS
DOCUMENT NUMBER:       140:196880
TITLE:                 p42, a novel cyclin-dependent kinase-activating kinase
                        in mammalian cells
AUTHOR(S):             Liu, Yu; Wu, Chaowei; Galaktionov, Konstantin
CORPORATE SOURCE:       Department of Molecular and Human Genetics, Baylor
                        College of Medicine, Houston, TX, 77030, USA
SOURCE:                Journal of Biological Chemistry (2004), 279(6),
                        4507-4514
                        CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER:             American Society for Biochemistry and Molecular
                        Biology
```

DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 3 OF 115 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-28819 BIOTECHDS

TITLE: New nucleic acid encoding a **human serine/  
threonine kinase**, useful for preparing a  
composition for diagnosing, preventing or treating e.g.,  
breast cancer or immune disorders;  
**recombinant** enzyme protein production via  
plasmid **expression** in host cell for use in  
disease therapy and gene therapy

AUTHOR: DAVISON D B; FEDER J N; LEE L M; OTT K  
PATENT ASSIGNEE: BRISTOL-MYERS SQUIBB CO  
PATENT INFO: WO 2003087332 23 Oct 2003  
APPLICATION INFO: WO 2003-US11189 11 Apr 2003  
PRIORITY INFO: US 2002-372745 12 Apr 2002; US 2002-372745 12 Apr 2002  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-845320 [78]

L13 ANSWER 4 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:875074 HCAPLUS

DOCUMENT NUMBER: 139:380024

TITLE: Oligonucleotide probes and primers for diagnosing and  
monitoring autoimmune and chronic inflammatory  
diseases

INVENTOR(S): Wohlgemuth, Jay; Fry, Kirk; Woodward, Robert; Ly, Ngoc

PATENT ASSIGNEE(S): Expression Diagnostics, Inc., USA

SOURCE: PCT Int. Appl., 877 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003090694	A2	20031106	WO 2003-US13015	20030424
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004009479	A1	20040115	US 2002-131827	20020424
PRIORITY APPLN. INFO.:			US 2002-131827	A2 20020424
			US 2001-296764P	P 20010608
			US 2001-6290	A2 20011022

L13 ANSWER 5 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:737864 HCAPLUS

DOCUMENT NUMBER: 139:256347

TITLE: Protein and cDNA and genomic sequences of a  
**human serine/threonine**  
protein **kinase** sequence homolog, its tissue  
**expression**, SNPs, and therapeutic use

INVENTOR(S): Yan, Chunhua; Gan, Weiniu  
PATENT ASSIGNEE(S): Applera Corporation, USA  
SOURCE: PCT Int. Appl., 138 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003076577	A2	20030918	WO 2003-US6666	20030305
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003228595	A1	20031211	US 2003-379381	20030305
PRIORITY APPLN. INFO.:			US 2002-361339P	P 20020305

L13 ANSWER 6 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:656499 HCAPLUS  
DOCUMENT NUMBER: 139:178292  
TITLE: Identification of gene **expression** markers for ovarian cancer and therapeutic targets  
INVENTOR(S): Jazaeri, Amir A.; Boyd, Jeffrey; Liu, Edison T.  
PATENT ASSIGNEE(S): United States of America, Department of Health Services, USA; The Sloan Kettering Institute for Cancer Research  
SOURCE: PCT Int. Appl., 136 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003068054	A2	20030821	WO 2003-US4688	20030213
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2002-357031P	P 20020213

L13 ANSWER 7 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:409169 HCAPLUS  
DOCUMENT NUMBER: 138:380506  
TITLE: Genes that are differentially **expressed** during erythropoiesis and their diagnostic and therapeutic uses

INVENTOR(S): Brissette, William H.; Neote, Kuldeep S.; Zagouras, Panayiotis; Zenke, Martin; Lemke, Britt; Hacker, Christine

PATENT ASSIGNEE(S): Pfizer Products Inc., USA; Max-Delbrueck-Centrum Fuer Molekulare Medizin

SOURCE: PCT Int. Appl., 285 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003038130	A2	20030508	WO 2002-XA34888	20021031
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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WO 2003038130	A2	20030508	WO 2002-US34888	20021031
WO 2003038130	A3	20040212		
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-335048P P 20011031  
US 2001-335183P P 20011102  
WO 2002-US34888 A 20021031

L13 ANSWER 8 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:356461 HCAPLUS

DOCUMENT NUMBER: 138:363915

TITLE: Protein and cDNA and genomic sequences of a **human serine/threonine** protein **kinase** sequence homolog, its tissue **expression**, SNPs, and therapeutic use

INVENTOR(S): Neelam, Beena; Milshina, Natalia; Yan, Chunhua; Di Francesco, Valentina; Beasley, Ellen M.; Ketchum, Karen

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: PCT Int. Appl., 169 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037910	A2	20030508	WO 2002-US34708	20021030

WO 2003037910 A3 20031030

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,  
RU, TJ, TM

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CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
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US 2003119037 A1 20030626

US 2002-283247 20021030

PRIORITY APPLN. INFO.:

US 2001-330756P P 20011030

L13 ANSWER 9 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:97550 HCAPLUS

DOCUMENT NUMBER: 138:164674

TITLE: Molecular markers for hepatocellular **carcinoma**  
and their use in diagnosis and therapy

INVENTOR(S): Debuschewitz, Sabine; Jobst, Juergen; Kaiser, Stephan

PATENT ASSIGNEE(S): Germany

SOURCE: PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2003010336	A2	20030206	WO 2002-EP8305	20020725
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GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
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TJ, TM

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PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
NE, SN, TD, TG

DE 10136273	A1	20030213	DE 2001-10136273	20010725
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WO 2004011945	A2	20040205	WO 2003-EP8243	20030725
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GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,  
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY,  
KG, KZ, MD, RU

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,  
NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

DE 2001-10136273 A 20010725

WO 2002-EP8305 A 20020725

L13 ANSWER 10 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:49855 HCAPLUS

DOCUMENT NUMBER: 138:67954

TITLE: Gene **expression** profiles useful for  
diagnosis of human bladder cancer and screening for



modulators of bladder cancer  
 INVENTOR(S): Mack, David H.; Aziz, Natasha  
 PATENT ASSIGNEE(S): EOS Biotechnology, Inc., USA  
 SOURCE: PCT Int. Appl., 307 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 37  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003003906	A2	20030116	WO 2002-XB21338	20020703
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2003003906	A2	20030116	WO 2002-US21338	20020703
WO 2003003906	A3	20031106		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.:  
 US 2001-302814P P 20010703  
 US 2001-310099P P 20010803  
 US 2001-343705P P 20011108  
 US 2001-350666P P 20011113  
 US 2002-372246P P 20020412  
 WO 2002-US21338 W 20020703

L13 ANSWER 11 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2003:874888 HCAPLUS  
 DOCUMENT NUMBER: 139:359923  
 TITLE: Protein and cDNA and genomic sequences of a human protein **serine/threonine kinase** (phosphorylating) sequence homolog, its tissue **expression**, SNPs, and therapeutic use  
 INVENTOR(S): Neelam, Beena; Yan, Xianghe; Yan, Chunhua  
 PATENT ASSIGNEE(S): Applera Corporation, USA  
 SOURCE: U.S. Pat. Appl. Publ., 128 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003207311	A1	20031106	US 2003-427923	20030502
WO 2003097793	A2	20031127	WO 2003-US13987	20030505
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,  
TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2002-377592P P 20020506

US 2003-427923 A 20030502

L13 ANSWER 12 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:597452 HCAPLUS

DOCUMENT NUMBER: 139:228318

TITLE: Identification and Characterization of a Nuclear  
Interacting Partner of Anaplastic Lymphoma Kinase  
(NIPA)

AUTHOR(S): Ouyang, Tao; Bai, Ren-Yuan; Bassermann, Florian; von  
Klitzing, Christine; Klumpen, Silvia; Miething,  
Cornelius; Morris, Stephan W.; Peschel, Christian;  
Duyster, Justus

CORPORATE SOURCE: Laboratory of Leukemogenesis, Department of Internal  
Medicine III, Technical University of Munich, Munich,  
81675, Germany

SOURCE: Journal of Biological Chemistry (2003), 278(32),  
30028-30036

CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular  
Biology

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 13 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:982356 HCAPLUS

DOCUMENT NUMBER: 140:75008

TITLE: HIPK2 Regulates Transforming Growth  
Factor- $\beta$ -Induced c-Jun NH2-Terminal Kinase  
Activation and Apoptosis in Human Hepatoma Cells

AUTHOR(S): Hofmann, Thomas G.; Stollberg, Nicole; Schmitz, M.  
Lienhard; Will, Hans

CORPORATE SOURCE: Heinrich-Pette Institut, Universitaet Hamburg,  
Hamburg, Germany

SOURCE: Cancer Research (2003), 63(23), 8271-8277

CODEN: CNREA8; ISSN: 0008-5472

PUBLISHER: American Association for Cancer Research

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 14 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:731257 HCAPLUS

DOCUMENT NUMBER: 140:55530

TITLE: Comparative studies of a new subfamily of  
**human Ste20-like kinases:**  
homodimerization, subcellular localization, and  
selective activation of MKK3 and p38

AUTHOR(S): Yustein, Jason T.; Xia, Liang; Kahlenburg, J.  
Michelle; Robinson, Dan; Templeton, Dennis; Kung,  
Hsing-Jien

CORPORATE SOURCE: Department of Molecular Biology and Microbiology, Case Western Reserve University, Cleveland, OH, 44106-4960, USA  
SOURCE: Oncogene (2003), 22(40), 6129-6141  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Nature Publishing Group  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 15 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2003:130827 BIOSIS  
DOCUMENT NUMBER: PREV200300130827  
TITLE: Identification of novel tumor markers in hepatitis C virus-associated hepatocellular carcinoma.  
AUTHOR(S): Smith, Maria W. [Reprint Author]; Yue, Zhaoxia N.; Geiss, Gary K.; Sadovnikova, Natalya Y.; Carter, Victoria S.; Boix, Loreto; Lazaro, Catherine A.; Rosenberg, Gary B.; Bumgarner, Roger E.; Fausto, Nelson; Bruix, Jordi; Katze, Michael G.  
CORPORATE SOURCE: Department of Microbiology, University of Washington, Seattle, WA, 98195-8070, USA  
smitmv@u.washington.edu  
SOURCE: Cancer Research, (February 15 2003) Vol. 63, No. 4, pp. 859-864. print.  
ISSN: 0008-5472 (ISSN print).  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 12 Mar 2003  
Last Updated on STN: 12 Mar 2003

L13 ANSWER 16 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:195911 HCAPLUS  
DOCUMENT NUMBER: 138:399525  
TITLE: Uncoupling of protein kinase D from suppression of EGF-dependent c-Jun phosphorylation in cancer cells  
AUTHOR(S): Hurd, Cliff; Rozengurt, Enrique  
CORPORATE SOURCE: David Geffen School of Medicine and Molecular Biology Institute, Department of Medicine, Division of Digestive Diseases, Unit of Signal Transduction and Gastrointestinal Cancer, University of California, Los Angeles, CA, 90095-1786, USA  
SOURCE: Biochemical and Biophysical Research Communications (2003), 302(4), 800-804  
CODEN: BBRCA9; ISSN: 0006-291X  
PUBLISHER: Elsevier Science  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 17 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:981604 HCAPLUS  
DOCUMENT NUMBER: 139:18966  
TITLE: Identification of residues which regulate activity of the STE20-related kinase hMINK  
AUTHOR(S): Lim, Jaeseung; Lennard, Andrew; Sheppard, Paul W.; Kellie, Stuart  
CORPORATE SOURCE: Yamanouchi Research Institute, Oxford, OX4 4SX, UK  
SOURCE: Biochemical and Biophysical Research Communications (2003), 300(3), 694-698  
CODEN: BBRCA9; ISSN: 0006-291X  
PUBLISHER: Elsevier Science

DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 18 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:262432 HCAPLUS  
DOCUMENT NUMBER: 138:302397  
TITLE: A PI-3 kinase-dependent, Stat1-independent signaling  
pathway regulates interferon-stimulated monocyte  
adhesion  
AUTHOR(S): Navarro, Angels; Anand-Apte, Bela; Tanabe, Yoshinari;  
Feldman, Gerald; Larner, Andrew C.  
CORPORATE SOURCE: Department of Immunology, Lerner Research Institute,  
The Cleveland Clinic Foundation, Cleveland, OH, 44195,  
USA  
SOURCE: Journal of Leukocyte Biology (2003), 73(4), 540-545  
CODEN: JLBIE7; ISSN: 0741-5400  
PUBLISHER: Federation of American Societies for Experimental  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 19 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2004:139466 BIOSIS  
DOCUMENT NUMBER: PREV200400133309  
TITLE: Transcription of the **human** cell cycle checkpoint  
**kinase** Chk1 is inhibited by the Bcr-Abl  
oncoprotein.  
AUTHOR(S): Pattacini, Laura [Reprint Author]; Barnes, David J.  
[Reprint Author]; Weiss, Ursula [Reprint Author];  
Schultheis, Beate [Reprint Author]; Goldman, John M.  
[Reprint Author]; Melo, Junia V. [Reprint Author]  
CORPORATE SOURCE: Department of Haematology, Imperial College London, London,  
UK  
SOURCE: Blood, (November 16 2003) Vol. 102, No. 11, pp. 228a-229a.  
print.  
Meeting Info.: 45th Annual Meeting of the American Society  
of Hematology. San Diego, CA, USA. December 06-09, 2003.  
American Society of Hematology.  
CODEN: BLOOAW. ISSN: 0006-4971.  
DOCUMENT TYPE: Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LANGUAGE: English  
ENTRY DATE: Entered STN: 10 Mar 2004  
Last Updated on STN: 10 Mar 2004

L13 ANSWER 20 OF 115 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN DUPLICATE 2  
ACCESSION NUMBER: 2003315198 EMBASE  
TITLE: Nemo-like kinase induces apoptosis in DLD-1 human colon  
cancer cells.  
AUTHOR: Yasuda J.; Tsuchiya A.; Yamada T.; Sakamoto M.; Sekiya T.;  
Hirohashi S.  
CORPORATE SOURCE: J. Yasuda, Cancer Transcriptome Project, Natl. Cancer Ctr.  
Research Institute, 5-1-1 Tsukiji, Chuo-ku, Tokyo 104-0045,  
Japan. jyasuda@ncc.go.jp  
SOURCE: Biochemical and Biophysical Research Communications, (22  
Aug 2003) 308/2 (227-233).  
Refs: 44  
ISSN: 0006-291X CODEN: BBRCA  
COUNTRY: United States

DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 016 Cancer  
029 Clinical Biochemistry  
048 Gastroenterology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L13 ANSWER 21 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:667883 HCAPLUS  
DOCUMENT NUMBER: 139:348766  
TITLE: MAP kinases couple multiple functions of human  
progesterone receptors: degradation, transcriptional  
synergy, and nuclear association  
AUTHOR(S): Qiu, Ming; Lange, Carol A.  
CORPORATE SOURCE: MMC 806, Department of Medicine, University of  
Minnesota Cancer Center, Minneapolis, MN, 55455, USA  
SOURCE: Journal of Steroid Biochemistry and Molecular Biology  
(2003), 85(2-5), 147-157  
CODEN: JSBBEZ; ISSN: 0960-0760  
PUBLISHER: : Elsevier Science Ltd.  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 72 THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 22 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2003:88109 BIOSIS  
DOCUMENT NUMBER: PREV200300088109  
TITLE: Mutations in the STK11 gene characterize minimal deviation  
adenocarcinoma of the uterine cervix.  
AUTHOR(S): Kuragaki, Chie; Enomoto, Takayuki [Reprint Author]; Ueno,  
Yuko; Sun, Hongbo; Fujita, Masami; Nakashima, Ryuichi;  
Ueda, Yutaka; Wada, Hiroko; Murata, Yuji; Toki, Toshihiko;  
Konishi, Ikuo; Fujii, Shingo  
CORPORATE SOURCE: Department of Obstetrics and Gynecology, Faculty of  
Medicine, Osaka University, 2-2, Yamadaoka, Suita, Osaka,  
565-0871, Japan  
enomoto@gyne.med.osaka-u.ac.jp  
SOURCE: Laboratory Investigation, (January 2003) Vol. 83, No. 1,  
pp. 35-45. print.  
CODEN: LAINAW. ISSN: 0023-6837.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 12 Feb 2003  
Last Updated on STN: 12 Feb 2003

L13 ANSWER 23 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2004:79748 BIOSIS  
DOCUMENT NUMBER: PREV200400075422  
TITLE: Molecular classification of tamoxifen-responsive and  
-resistant breast **carcinomas** by gene  
**expression** profiling.  
AUTHOR(S): Jansen, M. [Reprint Author]; Foekens, J. [Reprint Author];  
Van Staveren, I. [Reprint Author]; Dirkzwager-Kiel, M.  
[Reprint Author]; Look, M. [Reprint Author]; Meijer-Van,  
Gelder M. [Reprint Author]; Dorssers, L. [Reprint Author];  
Klijn, J. [Reprint Author]; Berns, E. [Reprint Author]  
CORPORATE SOURCE: JN1, Rotterdam, Netherlands  
SOURCE: Breast Cancer Research and Treatment, (2003) Vol. 82, No.  
Supplement 1, pp. S14. print.  
Meeting Info.: 26th Annual San Antonio Breast Cancer  
Symposium. San Antonio, TX, USA. December 03-06, 2003.  
ISSN: 0167-6806 (ISSN print).  
DOCUMENT TYPE: Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)  
 LANGUAGE: English  
 ENTRY DATE: Entered STN: 4 Feb 2004  
 Last Updated on STN: 4 Feb 2004

L13 ANSWER 24 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 ACCESSION NUMBER: 2003:411067 BIOSIS  
 DOCUMENT NUMBER: PREV200300411067  
 TITLE: Phosphorylation of eIF2 by HRI-related protein kinases is important for stress resistance in fission yeast.  
 AUTHOR(S): Wek, Ronald Charles [Reprint Author]; Zhan, Ke; Vatter, Krishna; Dever, Thomas E.; Chen, Jane-Jane  
 CORPORATE SOURCE: Biochemistry and Molecular Biology, Indiana University School of Medicine, 635 Barnhill Drive, Indianapolis, IN, 46202, USA  
 SOURCE: rwek@iupui.edu; kezhan@iupui.edu; kvatter@iupui.edu; tdever@box-t.nih.gov; j-jchen@mit.edu  
 FASEB Journal, (March 2003) Vol. 17, No. 4-5, pp. Abstract No. 809.23. <http://www.fasebj.org/>. e-file.  
 Meeting Info.: FASEB Meeting on Experimental Biology: Translating the Genome. San Diego, CA, USA. April 11-15, 2003. FASEB.  
 ISSN: 0892-6638 (ISSN print).  
 DOCUMENT TYPE: Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LANGUAGE: English  
 ENTRY DATE: Entered STN: 10 Sep 2003  
 Last Updated on STN: 10 Sep 2003

L13 ANSWER 25 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3  
 ACCESSION NUMBER: 2002:285562 HCAPLUS  
 DOCUMENT NUMBER: 137:61578  
 TITLE: **Expressed** gene sets as markers for specific tumors  
 INVENTOR(S): Ramaswamy, Sridhar; Golub, Todd B.; Tamayo, Pablo; Angelo, Michael  
 PATENT ASSIGNEE(S): Whitehead Institute for Biomedical Research, USA; Dana-Farber Cancer Institute, Inc.  
 SOURCE: PCT Int. Appl., 715 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 4  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002024956	A2	20020328	WO 2001-XB29287	20010919
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2002024956	A2	20020328	WO 2001-US29287	20010919
WO 2002024956	C1	20030306		
WO 2002024956	A3	20030626		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,				

PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,  
US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-233534P P 20000919  
US 2001-278749P P 20010326  
WO 2001-US29287 W 20010919

L13 ANSWER 26 OF 115 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-08112 BIOTECHDS

TITLE: New polynucleotides encoding **serine/**  
**threonine** protein kinase-like protein (STPKP) and its  
encoded protein, useful for identifying modulators of STPKP  
activity, and in gene therapy for treating e.g. cancer,  
obesity or diabetes;  
vector-mediated **serine-threonine**  
-protein-kinase-like protein gene transfer and  
**expression** in host cell for **recombinant**  
protein production, drug screening and gene therapy

AUTHOR: KOEHLER R H  
PATENT ASSIGNEE: BAYER AG  
PATENT INFO: WO 2002083882 24 Oct 2002  
APPLICATION INFO: WO 2002-EP4080 12 Apr 2002  
PRIORITY INFO: US 2002-354574 8 Feb 2002; US 2001-283189 12 Apr 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-093018 [08]

L13 ANSWER 27 OF 115 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-00776 BIOTECHDS

TITLE: Novel polynucleotides encoding human proteins that are  
structurally related to animal kinases, useful for drug  
screening, diagnosis and in gene therapy of biological  
disorders;  
vector-mediated **recombinant** protein gene  
transfer and **expression** in host cell for use in  
drug screening and nootropic disease and mental disorder  
diagnosis and gene therapy

AUTHOR: TURNER C A; MATHUR B; FRIDDLE C J  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002048333 20 Jun 2002  
APPLICATION INFO: WO 2001-US49068 12 Dec 2001  
PRIORITY INFO: US 2001-289422 8 May 2001; US 2000-255103 12 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-583505 [62]

L13 ANSWER 28 OF 115 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2002-17807 BIOTECHDS

TITLE: Nucleic acid molecules encoding calcium/calmodulin-dependent  
protein kinases, useful for preventing diagnosing and  
treating e.g. cancers, psoriasis and inflammation;  
**recombinant** protein production by  
vector-mediated gene transfer and **expression** in  
host cell, useful for gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: US 6387677 14 May 2002  
APPLICATION INFO: US 2001-800960 8 Mar 2001  
PRIORITY INFO: US 2001-800960 8 Mar 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-478444 [51]

L13 ANSWER 29 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:946302 HCAPLUS

DOCUMENT NUMBER: 138:35293

TITLE: **Cloning**, sequences, and drug screening use  
of **human** and murine protein **kinase**  
DAKAR (death associated kinase containing ankyrin  
repeats)

INVENTOR(S): Bird, Timothy A.; Holland, Pamela M.; Peschon, Jacques  
J.; Virca, George D.

PATENT ASSIGNEE(S): Immunex Corporation, USA

SOURCE: PCT Int. Appl., 154 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002098894	A1	20021212	WO 2002-US18039	20020604
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003087411	A1	20030508	US 2002-164080	20020604
PRIORITY APPLN. INFO.:			US 2001-295959P P	20010604
			US 2001-334362P P	20011129
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L13 ANSWER 30 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:793831 HCAPLUS

DOCUMENT NUMBER: 137:305800

TITLE: Protein, gene and cDNA sequences of a novel  
**human** protein **kinase** related to  
**serine/threonine** kinase and their  
uses in drug screening

INVENTOR(S): Webster, Marion; Yan, Chunhua; Di Francesco,  
Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): PE Corporation (NY), USA

SOURCE: PCT Int. Appl., 101 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002081727	A2	20021017	WO 2002-US10156	20020402
WO 2002081727	A3	20030710		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,			



TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 US 6500656 B1 20021231 US 2001-873404 20010605  
 EP 1385865 A2 20040204 EP 2002-763884 20020402  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 PRIORITY APPLN. INFO.: US 2001-824583 A 20010403  
 US 2001-873404 A 20010605  
 WO 2002-US10156 W 20020402

L13 ANSWER 31 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:575249 HCAPLUS  
 DOCUMENT NUMBER: 137:136141  
 TITLE: **Human protein kinase**, its cDNA and  
 protein sequences, and use thereof  
 INVENTOR(S): Yu, Xuanchuan; Miranda, Maricar; Friddle, Carl Johan  
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA  
 SOURCE: PCT Int. Appl., 50 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002059325	A2	20020801	WO 2001-US50497	20011220
WO 2002059325	A3	20030320		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG US 2002123622 A1 20020905 US 2001-28946 20011220 PRIORITY APPLN. INFO.: US 2000-258335P P 20001227				

L13 ANSWER 32 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:293825 HCAPLUS  
 DOCUMENT NUMBER: 136:321268  
 TITLE: Protein and cDNA sequences of **human**  
**kinase** sequence homologs  
 INVENTOR(S): Turner, C. Alexander, Jr.; Mathur, Brian  
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA  
 SOURCE: PCT Int. Appl., 41 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,				

PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,  
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002013183 A5 20020422 AU 2002-13183 20011011  
 US 2002128458 A1 20020912 US 2001-975326 20011011  
 US 6476210 B2 20021105  
 US 2003023063 A1 20030130 US 2002-217357 20020809  
 US 6610537 B2 20030826  
 US 2003207319 A1 20031106 US 2003-462887 20030617  
 PRIORITY APPLN. INFO.: US 2000-239821P P 20001012  
 US 2001-975326 A1 20011011  
 WO 2001-US32010 W 20011011  
 US 2002-217357 A3 20020809

L13 ANSWER 33 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:172058 HCAPLUS

DOCUMENT NUMBER: 136:227966

TITLE: Protein and cDNA sequences of **human** protein  
**kinase** sequence homologs and uses thereof in  
 diagnosis, therapy and drug screening

INVENTOR(S): Friddle, Carl Johan; Hilbun, Erin; Nepomnichy, Boris;  
 Hu, Yi

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002018555	A2	20020307	WO 2001-US26776	20010828
WO 2002018555	A3	20030227		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,  
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,  
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2001085326	A5	20020313	AU 2001-85326	20010828
US 2002147320	A1	20021010	US 2001-940921	20010828

PRIORITY APPLN. INFO.: US 2000-229280P P 20000831  
 WO 2001-US26776 W 20010828

L13 ANSWER 34 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:157957 HCAPLUS

DOCUMENT NUMBER: 136:195349

TITLE: Protein, gene and cDNA sequences of **human**  
 protein **kinase** sequence homolog and  
 diagnostic and therapeutic uses thereof

INVENTOR(S): Yan, Chunhua; Ye, Jane; Ketchum, Karen A.; Di  
 Francesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: PCT Int. Appl., 81 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002016567	A2	20020228	WO 2001-US26389	20010824
WO 2002016567	A3	20030130		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2002076783	A1	20020620	US 2001-810671	20010319
US 6455291	B2	20020924		
AU 2001086687	A5	20020304	AU 2001-86687	20010824
EP 1313844	A2	20030528	EP 2001-966150	20010824
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2002119548	A1	20020829	US 2002-109854	20020401
US 6630337	B2	20031007		
US 2003134319	A1	20030717	US 2003-339656	20030110
PRIORITY APPLN. INFO.:			US 2000-227470P P	20000824
			US 2001-810671 A	20010319
			WO 2001-US26389 W	20010824
			US 2002-109854 A3	20020401

L13 ANSWER 35 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:696559 HCAPLUS

DOCUMENT NUMBER: 137:227754

TITLE: Protein, gene and cDNA sequences of a novel **human kinase** protein related to **serine/threonine** protein kinase and their uses in drug screening

INVENTOR(S): Ye, Jane; Yan, Chunhua; Di Francesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 174 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
US 2002127683	A1	20020912	US 2001-801876	20010309
US 6492155	B2	20021210		
US 2003027307	A1	20030206	US 2002-254869	20020926
US 6653117	B2	20031125		
US 2004043466	A1	20040304	US 2003-667442	20030923
PRIORITY APPLN. INFO.:			US 2001-801876 A3	20010309
			US 2002-254869 A3	20020926

L13 ANSWER 36 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:488124 HCAPLUS

DOCUMENT NUMBER: 137:59517

TITLE: Human AURORA-1 and AURORA-2 kinases, cDNA and amino acid sequences, and **recombinant** production

INVENTOR(S): Plowman, Gregory; Mossie, Kevin

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 43 pp., Cont.-in-part of U.S.

Ser. No. 5,268, abandoned.

CODEN: USXXCO

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002081578	A1	20020627	US 1998-12135	19980122
CN 1205740	A	19990120	CN 1996-199101	19961125
US 5962312	A	19991005	US 1996-755728	19961125
CA 2318352	AA	19990729	CA 1999-2318352	19990121
WO 9937788	A2	19990729	WO 1999-US1283	19990121
WO 9937788	A3	19990930		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9925605	A1	19990809	AU 1999-25605	19990121
EP 1051500	A2	20001115	EP 1999-905450	19990121
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
JP 2002508937	T2	20020326	JP 2000-528695	19990121
US 6207401	B1	20010327	US 1999-283011	19990331

PRIORITY APPLN. INFO.:

US 1995-8809P	P	19951218
US 1996-23943P	P	19960814
US 1996-755728	A2	19961125
US 1998-5268	B2	19980109
US 1998-12135	A	19980122
WO 1999-US1283	W	19990121

L13 ANSWER 37 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:1237 HCAPLUS

DOCUMENT NUMBER: 138:51925

TITLE: Identification, genomic and cDNA sequences and  
**cloning of a human serine/  
threonine kinase** sequence homolog

INVENTOR(S): Webster, Marion; Yan, Chunhua; Di Francesco,  
Valentina; Beasley, Ellen

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: U.S., 86 pp., Cont.-in-part of U. S. Ser. No. 824,583,  
abandoned.

CODEN: USXXAM

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6500656	B1	20021231	US 2001-873404	20010605
WO 2002081727	A2	20021017	WO 2002-US10156	20020402
WO 2002081727	A3	20030710		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,			

TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 EP 1385865 A2 20040204 EP 2002-763884 20020402  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 US 2003022341 A1 20030130 US 2002-243735 20020916  
 US 6706510 B2 20040316  
 PRIORITY APPLN. INFO.: US 2001-824583 B2 20010403  
 US 2001-873404 A 20010605  
 WO 2002-US10156 W 20020402  
 REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 38 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:941845 HCAPLUS  
 DOCUMENT NUMBER: 138:21334  
 TITLE: Protein, gene and cDNA sequences of a novel  
**human protein kinase** related to  
**serine/threonine** kinase and their  
 uses in drug screening  
 INVENTOR(S): Yan, Chunhua; Li, Zhenya; Neelam, Beena; Difrancesco,  
 Valentina; Beasley, Ellen M.  
 PATENT ASSIGNEE(S): PE Corporation (Ny), USA  
 SOURCE: U.S., 107 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
US 2003232408	A1	20031218	US 2002-274194	20021021
US 6706511	B2	20040316		
WO 2003038115	A2	20030508	WO 2002-US34869	20021031
WO 2003038115	A3	20040122		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,  
 RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-984890 A3 20011031  
 REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 39 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:66831 HCAPLUS  
 DOCUMENT NUMBER: 136:113833  
 TITLE: Protein, gene and cDNA sequences of **human**  
**protein kinase** sequence homolog  
 INVENTOR(S): Yan, Chunhua; Ketchum, Karen A.; Di Francesco,  
 Valentina; Beasley, Ellen M.  
 PATENT ASSIGNEE(S): PE Corporation (NY), USA  
 SOURCE: U.S., 88 pp.  
 CODEN: USXXAM

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6340583	B1	20020122	US 2001-813817	20010322
US 6403353	B1	20020611	US 2001-978197	20011017
WO 2002077171	A2	20021003	WO 2002-US8657	20020322
WO 2002077171	A3	20030227		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1379631	A2	20040114	EP 2002-721509	20020322
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2003166215	A1	20030904	US 2002-135696	20020501
PRIORITY APPLN. INFO.:				
			US 2001-813817	A3 20010322
			US 2001-978197	A3 20011017
			WO 2002-US8657	W 20020322
REFERENCE COUNT:	1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L13 ANSWER 40 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:879562 HCAPLUS  
DOCUMENT NUMBER: 138:234137  
TITLE: Retinoblastoma Protein-mediated Apoptosis After gamma-Irradiation  
AUTHOR(S): Bowen, Cai; Birrer, Michael; Gelmann, Edward P.  
CORPORATE SOURCE: Departments of Medicine and Oncology, Georgetown University, Lombardi Cancer Center, Washington, DC, 20007-2197, USA  
SOURCE: Journal of Biological Chemistry (2002), 277(47), 44969-44979  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 92 THERE ARE 92 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 41 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:541167 HCAPLUS  
DOCUMENT NUMBER: 137:259220  
TITLE: Mirk protein kinase is activated by MKK3 and functions as a transcriptional activator of HNF1 $\alpha$   
AUTHOR(S): Lim, Seunghwan; Jin, Kideok; Friedman, Eileen  
CORPORATE SOURCE: Pathology Department, Upstate Medical University, Syracuse, NY, 13210, USA  
SOURCE: Journal of Biological Chemistry (2002), 277(28), 25040-25046  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal

LANGUAGE: English  
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 42 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2002:614345 BIOSIS  
DOCUMENT NUMBER: PREV200200614345  
TITLE: **Human pEg3 kinase** associates with and  
phosphorylates CDC25B phosphatase: A potential role for  
pEg3 in cell cycle regulation.  
AUTHOR(S): Davezac, Noelie; Baldin, Veronique; Blot, Joelle; Ducommun,  
Bernard; Tassan, Jean-Pierre [Reprint author]  
CORPORATE SOURCE: UMR6061-CNRS, IFR 97, Universite de Rennes 1, 2 Avenue du  
Professeur Leon Bernard, 35043, CS34317, Rennes Cedex,  
France  
Jean-Pierre.Tassan@univ-rennes1.fr  
SOURCE: Oncogene, (31 October, 2002) Vol. 21, No. 50, pp.  
7630-7641. print.  
CODEN: ONCNES. ISSN: 0950-9232.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 4 Dec 2002  
Last Updated on STN: 4 Dec 2002

L13 ANSWER 43 OF 115 MEDLINE on STN DUPLICATE 4  
ACCESSION NUMBER: 2002338175 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 12082631  
TITLE: Downregulation of **human polo-like kinase**  
activity by antisense oligonucleotides induces growth  
inhibition in cancer cells.  
AUTHOR: Spankuch-Schmitt Birgit; Wolf Georg; Solbach Christine;  
Loibl Sibylle; Knecht Rainald; Stegmuller Manfred; von  
Minckwitz Gunter; Kaufmann Manfred; Strebhardt Klaus  
CORPORATE SOURCE: Department of Obstetrics and Gynecology, School of  
Medicine, JW Goethe University, Theodor-Stern-Kai 7, 60596  
Frankfurt, Germany.  
SOURCE: Oncogene, (2002 May 9) 21 (20) 3162-71.  
Journal code: 8711562. ISSN: 0950-9232.  
PUB. COUNTRY: England: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200207  
ENTRY DATE: Entered STN: 20020626  
Last Updated on STN: 20020724  
Entered Medline: 20020723

L13 ANSWER 44 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2002:187504 BIOSIS  
DOCUMENT NUMBER: PREV200200187504  
TITLE: Preferential loss of Death Associated Protein kinase  
**expression** in invasive **pituitary** tumours  
is associated with either CpG island methylation or  
homozygous deletion.  
AUTHOR(S): Simpson, D. J.; Clayton, R. N.; Farrell, W. E. [Reprint  
author]  
CORPORATE SOURCE: Centre for Cell and Molecular Medicine, School of  
Postgraduate Medicine, North Staffordshire Hospital, Keele  
University, Stoke-on-Trent, ST4 7QB, UK  
w.e.farrell@keele.ac.uk  
SOURCE: Oncogene, (14 February, 2002) Vol. 21, No. 8, pp.  
1217-1224. print.  
CODEN: ONCNES. ISSN: 0950-9232.  
DOCUMENT TYPE: Article

LANGUAGE: English  
ENTRY DATE: Entered STN: 13 Mar 2002  
Last Updated on STN: 13 Mar 2002

L13 ANSWER 45 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:445266 HCAPLUS  
DOCUMENT NUMBER: 138:51855  
TITLE: Identification and characterization of Nek6 protein  
kinase, a potential human homolog of NIMA histone H3  
kinase  
AUTHOR(S): Hashimoto, Yoshihiro; Akita, Hidetoshi; Hibino,  
Mitsunobu; Kohri, Kenjiro; Nakanishi, Makoto  
CORPORATE SOURCE: Department of Biochemistry, Department of Urology,  
Nagoya City University Medical School, Nagoya,  
467-8601, Japan  
SOURCE: Biochemical and Biophysical Research Communications  
(2002), 293(2), 753-758  
CODEN: BBRCA9; ISSN: 0006-291X  
PUBLISHER: Elsevier Science  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 46 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:274544 HCAPLUS  
DOCUMENT NUMBER: 137:167190  
TITLE: Activation of AKT/PKB in breast cancer predicts a  
worse outcome among endocrine treated patients  
AUTHOR(S): Perez-Tenorio, G.; Stal, O.; Arnesson, L. G.;  
Malmstrom, A.; Nordenskjold, B.; Nordenskjold, K.;  
Bang, H.; Kallstrom, A. Ch.; Einarsson, E.; Norberg,  
B.; Skoog, P.; Henning, A.; Sundquist, M.; Tejler, G.  
CORPORATE SOURCE: Southeast Sweden Breast Cancer Group, Department of  
Biomedicine and Surgery, Division of Oncology,  
Clinical Research Center, Faculty of Health Sciences,  
Linkoping University, Linkoping, SE-581 85, Swed.  
SOURCE: British Journal of Cancer (2002), 86(4), 540-545  
CODEN: BJCAAI; ISSN: 0007-0920  
PUBLISHER: Nature Publishing Group  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 47 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2003:103550 BIOSIS  
DOCUMENT NUMBER: PREV200300103550  
TITLE: Gene **expression** profile analysis in human  
hepatocellular **carcinoma** by cDNA microarray.  
AUTHOR(S): Chung, Eun Jung; Sung, Young Kwan; Farooq, Mohammad; Kim,  
Younghee; Im, Sanguk; Tak, Won Young; Hwang, Yoon Jin; Kim,  
Yang Il; Han, Hyung Soo; Kim, Jung-Chul; Kim, Moon Kyu  
[Reprint Author]  
CORPORATE SOURCE: Department of Immunology, School of Medicine, Kyungpook  
National University, Daegu, 700-422, South Korea  
moonkim@knu.ac.kr  
SOURCE: Molecules and Cells, (December 31 2002) Vol. 14, No. 3, pp.  
382-387. print.  
ISSN: 1016-8478 (ISSN print).  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 19 Feb 2003  
Last Updated on STN: 19 Feb 2003



L13 ANSWER 48 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:263101 HCAPLUS  
 DOCUMENT NUMBER: 137:41911  
 TITLE: P21-activated protein kinase  $\gamma$ -PAK in  
**pituitary** secretory granules phosphorylates  
 prolactin  
 AUTHOR(S): Tuazon, Polygena T.; Lorenson, Mary Y.; Walker, Ameae  
 M.; Traugh, Jolinda A.  
 CORPORATE SOURCE: Department of Biochemistry, University of California  
 at Riverside, Riverside, CA, 92521, USA  
 SOURCE: FEBS Letters (2002), 515(1-3), 84-88  
 CODEN: FEBLAL; ISSN: 0014-5793  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 49 OF 115 MEDLINE on STN  
 ACCESSION NUMBER: 2002181719 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 11914548  
 TITLE: **Expression** of the **serine/**  
**threonine** kinase hSGK1 in chronic viral hepatitis.  
 AUTHOR: Fillon Sophie; Klingel Karin; Warntges Simone; Sauter  
 Martina; Gabrysch Sabine; Pestel Sabine; Tanneur Valerie;  
 Waldegger Siegfried; Zipfel Annette; Viebahn Richard;  
 Haussinger Dieter; Broer Stefan; Kandolf Reinhard; Lang  
 Florian  
 CORPORATE SOURCE: Department for Physiology, University of Tübingen,  
 Gmelinstrasse 5, D-72076 Tübingen, Germany.  
 SOURCE: Cellular physiology and biochemistry : international  
 journal of experimental cellular physiology, biochemistry,  
 and pharmacology, (2002) 12 (1) 47-54.  
 Journal code: 9113221. ISSN: 1015-8987.  
 PUB. COUNTRY: Switzerland  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200207  
 ENTRY DATE: Entered STN: 20020401  
 Last Updated on STN: 20020719  
 Entered Medline: 20020718

L13 ANSWER 50 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 ACCESSION NUMBER: 2003:335807 BIOSIS  
 DOCUMENT NUMBER: PREV200300335807  
 TITLE: Gene **Expression** Profiling of Pediatric Acute  
 Myeloid Leukemia (AML) in De Novo and Relapsed Patients  
 Identifies a Subset of Genes Characteristic of Relapse.  
 AUTHOR(S): Kinnunen, Paivi H. [Reprint Author]; Lacayo, Norman  
 [Reprint Author]; Stuber, Christianna M. [Reprint Author];  
 Yu, Ron [Reprint Author]; Wahab, Romina [Reprint Author];  
 Chang, Myron [Reprint Author]; Willman, Cheryl [Reprint  
 Author]; Ravindranath, Yaddanapudi [Reprint Author];  
 Becton, David [Reprint Author]; Tibshirani, Robert [Reprint  
 Author]; Behm, Frederick G. [Reprint Author]; Raimondi,  
 Susana C. [Reprint Author]; Sikic, Branimir I. [Reprint  
 Author]; Dahl, Gary V. [Reprint Author]; Weinstein, Howard  
 [Reprint Author]  
 CORPORATE SOURCE: Pediatric Hematology/Oncology, Stanford University School  
 of Medicine, Stanford, CA, USA  
 SOURCE: Blood, (November 16 2002) Vol. 100, No. 11, pp. Abstract  
 No. 1207. print.

Meeting Info.: 44th Annual Meeting of the American Society  
of Hematology. Philadelphia, PA, USA. December 06-10, 2002.  
American Society of Hematology.  
CODEN: BLOOAW. ISSN: 0006-4971.  
DOCUMENT TYPE: Conference; (Meeting)  
Conference; (Meeting Poster)  
Conference; Abstract; (Meeting Abstract)  
LANGUAGE: English  
ENTRY DATE: Entered STN: 23 Jul 2003  
Last Updated on STN: 23 Jul 2003

L13 ANSWER 51 OF 115 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2002-06177 BIOTECHDS

TITLE: Novel **human** protein **kinase** protein and  
polynucleotides used in the diagnosis and treatment of  
disorders e.g. osteoporosis, osteodystrophy, osteomalacia,  
rickets, obesity and to identify modulators of therapeutic  
use;  
involving vector-mediated gene transfer for  
**expression** in host cell, for use in diagnosis,  
therapy, gene therapy and drug screening

AUTHOR: MEYERS R A  
PATENT ASSIGNEE: MILLENNIUM PHARM INC  
PATENT INFO: WO 2001096544 20 Dec 2001  
APPLICATION INFO: WO 2000-US19269 15 Jun 2000  
PRIORITY INFO: US 2000-212078 15 Jun 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-130729 [17]

L13 ANSWER 52 OF 115 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2001-11500 BIOTECHDS

TITLE: New nucleic acid encoding p21-activated-kinase-5 protein for  
inducing an immune response, treating cancers,  
angiogenesis-related disorders, disorders of the central  
nervous system and immune-related disorders;  
vector **expression** in host cell for  
**recombinant** protein production useful in gene  
therapy

AUTHOR: Dahlberg M; Moll J; Galvani A  
PATENT ASSIGNEE: Pharmacia-Upjohn  
LOCATION: Milan, Italy.  
PATENT INFO: WO 2001036602 25 May 2001  
APPLICATION INFO: WO 2000-EP10736 14 Nov 2000  
PRIORITY INFO: US 1999-439756 15 Nov 1999  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2001-355626 [37]

L13 ANSWER 53 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:868653 HCAPLUS

DOCUMENT NUMBER: 136:15959

TITLE: Nucleic acid encoding a **human serine**  
**/threonine** protein **kinase** and its  
screening and therapeutic uses

INVENTOR(S): Wei, Ming-hi; Zhu, Shiaoping; Woodage, Trevor; Di  
Francesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090328	A2	20011129	WO 2001-US16760	20010524
WO 2001090328	A3	20020718		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6482935	B1	20021119	US 2000-691861	20001018
EP 1290185	A2	20030312	EP 2001-937689	20010524
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003534008	T2	20031118	JP 2001-587124	20010524
US 2003022232	A1	20030130	US 2002-259740	20020930
PRIORITY APPLN. INFO.:				
			US 2000-206550P	P 20000524
			US 2000-691861	A 20001018
			WO 2001-US16760	W 20010524

L13 ANSWER 54 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:851353 HCAPLUS

DOCUMENT NUMBER: 136:2248

TITLE: Human and mouse neuronal **serine-threonine** protein kinases and cDNAs and methods for diagnosis and treatment of neurological diseases and cancer

INVENTOR(S): Schneider, Armin; Klaussner, Bettina; Fischer, Achim; Newrzella, Dieter; Goetz, Bernhard; Rossner, Moritz; Eisenhardt, Gisela; Kuner, Rohini; Trutzel, Annette; Kammandel, Birgitta; Jomana, Naim Stephanie; Schwaninger, Markus

PATENT ASSIGNEE(S): BASF-Lynx Bioscience A.-G., Germany

SOURCE: PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001088108	A1	20011122	WO 2001-EP5660	20010517
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10024171	A1	20011220	DE 2000-10024171	20000517
EP 1282700	A1	20030212	EP 2001-936370	20010517
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003533226	T2	20031111	JP 2001-585316	20010517
PRIORITY APPLN. INFO.:				
			DE 2000-10024171	A 20000517
			WO 2001-EP5660	W 20010517

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 55 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:618177 HCAPLUS

DOCUMENT NUMBER: 135:191337

TITLE: Protein and cDNA sequences of novel **human kinase** homologs and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): Walke, D. Wade; Hu, Yi; Nepomnichy, Boris; Turner, C. Alexander, Jr.; Zambrowicz, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002038011	A1	20020328	US 2001-783320	20010215
EP 1257652	A2	20021120	EP 2001-912839	20010215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003531577	T2	20031028	JP 2001-559853	20010215
PRIORITY APPLN. INFO.:				
			US 2000-183582P	P 20000218
			US 2000-184014P	P 20000222
			WO 2001-US5356	W 20010215

L13 ANSWER 56 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:435241 HCAPLUS

DOCUMENT NUMBER: 135:41828

TITLE: Protein and cDNA sequences of a novel **human** protein **kinase** homolog and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): Donoho, Gregory; Scoville, John; Turner, C. Alexander, Jr.; Friedrich, Glenn; Zambrowicz, Brian; Abuin, Alejandro; Sands, Arthur T.

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001042435	A2	20010614	WO 2000-US33240	20001207
WO 2001042435	A3	20011108		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,				

LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,  
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
EP 1240187 A2 20020918 EP 2000-989231 20001207  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
US 2003064495 A1 20030403 US 2000-733388 20001207  
US 6602698 B2 20030805  
JP 2004504005 T2 20040212 JP 2001-544312 20001207  
US 2004014112 A1 20040122 US 2003-446175 20030527  
PRIORITY APPLN. INFO.: US 1999-169428P P 19991207  
US 2000-733388 A1 20001207  
WO 2000-US33240 W 20001207

L13 ANSWER 57 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:247510 HCAPLUS

DOCUMENT NUMBER: 134:261891

TITLE: Protein and cDNA sequences of **human**  
**serine/threonine** protein  
**kinase** and uses thereof in diagnosis, therapy  
and drug screening

INVENTOR(S): Donoho, Gregory; Turner, C. Alexander, Jr.; Nehls,  
Michael; Friedrich, Glenn; Zambrowicz, Brian; Sands,  
Arthur T.

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001023579	A1	20010405	WO 2000-US26621	20000927
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1220927	A1	20020710	EP 2000-966996	20000927
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
JP 2003510082	T2	20030318	JP 2001-526961	20000927
PRIORITY APPLN. INFO.:			US 1999-156511P P	19990928
			WO 2000-US26621 W	20000927
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L13 ANSWER 58 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:729015 HCAPLUS

DOCUMENT NUMBER: 136:18718

TITLE: A phosphatidylinositol 3-kinase/Akt pathway promotes  
translocation of Mdm2 from the cytoplasm to the  
nucleus

AUTHOR(S): Mayo, Lindsey D.; Donner, David B.

CORPORATE SOURCE: Department of Microbiology and Immunology, Indiana

University School of Medicine, Indianapolis, IN,  
46202, USA  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America (2001), 98(20), 11598-11603  
CODEN: PNASA6; ISSN: 0027-8424  
PUBLISHER: National Academy of Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 59 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2001:537014 BIOSIS  
DOCUMENT NUMBER: PREV200100537014  
TITLE: The phosphatidylinositol 3'-kinase p85alpha gene is an  
oncogene in human ovarian and colon tumors.  
AUTHOR(S): Philp, Amanda J.; Campbell, Ian G.; Leet, Christine;  
Vincan, Elizabeth; Rockman, Steven P.; Whitehead, Robert  
H.; Thomas, Robert J. S.; Phillips, Wayne A. [Reprint  
author]  
CORPORATE SOURCE: Trescowthick Research Laboratories, Peter MacCallum Cancer  
Institute, A'Beckett Street, Melbourne, Victoria, 8006,  
Australia  
w.phillips@pmci.unimelb.edu.au  
SOURCE: Cancer Research, (October 15, 2001) Vol. 61, No. 20, pp.  
7426-7429. print.  
CODEN: CNREA8. ISSN: 0008-5472.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 14 Nov 2001  
Last Updated on STN: 25 Feb 2002

L13 ANSWER 60 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2001:917053 HCAPLUS  
DOCUMENT NUMBER: 136:214114  
TITLE: A cytoplasmic **serine** protein kinase binds  
and may regulate the Fanconi anemia protein FANCA  
AUTHOR(S): Yagasaki, Hiroshi; Adachi, Daiki; Oda, Tsukasa;  
Garcia-Higuera, Irene; Tetteh, Nii; D'Andrea, Alan D.;  
Futaki, Makoto; Asano, Shigetaka; Yamashita, Takayuki  
CORPORATE SOURCE: Division of Genetic Diagnosis, Institute of Medical  
Science, University of Tokyo, Tokyo, 1088639, Japan  
SOURCE: Blood (2001), 98(13), 3650-3657  
CODEN: BLOOAW; ISSN: 0006-4971  
PUBLISHER: American Society of Hematology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 61 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:103630 HCAPLUS  
DOCUMENT NUMBER: 136:100040  
TITLE: Hypermethylation of DAP-kinase gene CpG island in  
malignant lymphoma with B-cell phenotype  
AUTHOR(S): Nakatsuka, Shinichi; Takakuwa, Tetsuya; Aozasa,  
Katsuyuki  
CORPORATE SOURCE: Department of Pathology, Osaka University Graduate  
School of Medicine, Suita, 565-0871, Japan  
SOURCE: Rinsho Byori (2001), 49(12), 1242-1247  
CODEN: RBYOAI; ISSN: 0047-1860  
PUBLISHER: Nippon Rinsho Kensa Igakkai  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: Japanese

L13 ANSWER 62 OF 115 MEDLINE on STN DUPLICATE 5  
 ACCESSION NUMBER: 2001390803 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 11444856  
 TITLE: Identification and characterization of a novel  
**human** testis-specific **kinase** substrate  
 gene which is downregulated in testicular tumors.  
 AUTHOR: Scorilas A; Yousef G M; Jung K; Rajpert-De Meyts E; Carsten  
 S; Diamandis E P  
 CORPORATE SOURCE: Department of Pathology and Laboratory Medicine, Mount  
 Sinai Hospital, Toronto, Ontario M5G 1X5, Canada.  
 SOURCE: Biochemical and biophysical research communications, (2001  
 Jul 13) 285 (2) 400-8.  
 Journal code: 0372516. ISSN: 0006-291X.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 OTHER SOURCE: GENBANK-AF200923  
 ENTRY MONTH: 200108  
 ENTRY DATE: Entered STN: 20010820  
 Last Updated on STN: 20010820  
 Entered Medline: 20010816

L13 ANSWER 63 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 ACCESSION NUMBER: 2001:565428 BIOSIS  
 DOCUMENT NUMBER: PREV200100565428  
 TITLE: Intron/exon organization and polymorphisms of the PLK3/PRK  
 gene in human lung **carcinoma** cell lines.  
 AUTHOR(S): Wiest, Jonathan [Reprint author]; Clark, Adam M.; Dai, Wei  
 CORPORATE SOURCE: Department of Environmental Health, University of  
 Cincinnati, Cincinnati, OH, 45267-0056, USA  
 wiestjs@ucmail.uc.edu  
 SOURCE: Genes Chromosomes and Cancer, (December, 2001) Vol. 32, No.  
 4, pp. 384-389. print.  
 CODEN: GCCAES. ISSN: 1045-2257.  
 DOCUMENT TYPE: Article  
 LANGUAGE: English  
 ENTRY DATE: Entered STN: 5 Dec 2001  
 Last Updated on STN: 25 Feb 2002

L13 ANSWER 64 OF 115 MEDLINE on STN  
 ACCESSION NUMBER: 2002319817 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 12063396  
 TITLE: Molecular **cloning** and characterization of the  
**human** NIMA-related protein **kinase** 3 gene  
 (NEK3).  
 AUTHOR: Kimura M; Okano Y  
 CORPORATE SOURCE: Department of Molecular Pathobiochemistry, Gifu University  
 School of Medicine, Gifu, Japan.. yo@cc.gifu-u.ac.jp  
 SOURCE: Cytogenetics and cell genetics, (2001) 95 (3-4) 177-82.  
 Journal code: 0367735. ISSN: 0301-0171.  
 PUB. COUNTRY: Switzerland  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 OTHER SOURCE: GENBANK-AB072828  
 ENTRY MONTH: 200207  
 ENTRY DATE: Entered STN: 20020614  
 Last Updated on STN: 20020712  
 Entered Medline: 20020711

L13 ANSWER 65 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:272250 HCAPLUS

DOCUMENT NUMBER: 136:49086  
TITLE: Identification and cellular localization of human PFTAIRE1  
AUTHOR(S): Yang, T.; Chen, J.-y.  
CORPORATE SOURCE: State Key Laboratory of Molecular Biology, Institute of Biochemistry and Cell Biology, Shanghai Institutes for Biological Sciences, 320 Yue-yang Road, Chinese Academy of Sciences, Shanghai, 200031, Peop. Rep. China  
SOURCE: Gene (2001), 267(2), 165-172  
CODEN: GENED6; ISSN: 0378-1119  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 66 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2001:745522 HCAPLUS  
DOCUMENT NUMBER: 136:273996  
TITLE: **Cloning** and chromosomal localization of a gene encoding a novel **serine/threonine** kinase belonging to the subfamily of testis-specific kinases  
AUTHOR(S): Visconti, Pablo E.; Hao, Zhonglin; Purdon, Marie A.; Stein, Paula; Balsara, Binaifer R.; Testa, Joseph R.; Herr, John C.; Moss, Stuart B.; Kopf, Gregory S.  
CORPORATE SOURCE: Center for Research on Reproduction & Women's Health, University of Pennsylvania, Philadelphia, PA, 19104-6142, USA  
SOURCE: Genomics (2001), 77(3), 163-170  
CODEN: GNMCEP; ISSN: 0888-7543  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 67 OF 115 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN  
ACCESSION NUMBER: 2001353973 EMBASE  
TITLE: Increased **human** polo-like **kinase-1** **expression** in gliomas.  
AUTHOR: Dietzmann K.; Kirches E.; Von Bossanyi P.; Jachau K.; Mawrin Ch.  
CORPORATE SOURCE: K. Dietzmann, Institute of Neuropathology, Otto-von-Guericke Univ. of Magdeburg, Leipziger Str. 44, D-39120 Magdeburg, Germany. Knut.Dietzmann@Medizin.Uni-Magdeburg.DE  
SOURCE: Journal of Neuro-Oncology, (2001) 53/1 (1-11).  
Refs: 37  
ISSN: 0167-594X CODEN: JNODD2  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 016 Cancer  
029 Clinical Biochemistry  
037 Drug Literature Index  
030 Pharmacology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L13 ANSWER 68 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2000:441910 HCAPLUS  
DOCUMENT NUMBER: 133:86107



TITLE: Cloning, expression, sequence and therapeutic applications of human Akt-3 protein kinase  
 INVENTOR(S): Masure, Stefan Leo Jozef; Richardson, Alan  
 PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.  
 SOURCE: PCT Int. Appl., 61 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037613	A2	20000629	WO 1999-GB4311	19991217
WO 2000037613	A3	20001116		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2355834	AA	20000629	CA 1999-2355834	19991217
EP 1141326	A2	20011010	EP 1999-962361	19991217
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002535964	T2	20021029	JP 2000-589669	19991217
NZ 512933	A	20031128	NZ 1999-512933	19991217
PRIORITY APPLN. INFO.:			GB 1998-28375	A 19981222
			WO 1999-GB4311	W 19991217

L13 ANSWER 69 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2000:155201 HCAPLUS  
 DOCUMENT NUMBER: 132:204847  
 TITLE: Nucleic acid encoding human STE20-like signal transduction **serine/threonine** kinase  
 INVENTOR(S): Norris, Tyrrell Errick; Moore, William Craig; Silberstein, David Shay  
 PATENT ASSIGNEE(S): Zeneca Limited, UK  
 SOURCE: U.S., 30 pp., Cont.-in-part of U.S. Ser. No. 211,930.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6034228	A	20000307	US 1999-340993	19990625
US 5962265	A	19991005	US 1998-211930	19981215
US 6300098	B1	20011009	US 1999-468442	19991221
PRIORITY APPLN. INFO.:			US 1998-211930	A2 19981215
			GB 1997-26851	A 19971219
			US 1999-340993	A3 19990625
REFERENCE COUNT:	24	THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L13 ANSWER 70 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2000:352444 HCAPLUS  
 DOCUMENT NUMBER: 133:87543

TITLE: PKN binds and phosphorylates human papillomavirus E6 oncoprotein  
 AUTHOR(S): Gao, Qingshen; Kumar, Ajay; Srinivasan, Seetha; Singh, Latika; Mukai, Hideyuki; Ono, Yoshitaka; Wazer, David E.; Band, Vimla  
 CORPORATE SOURCE: Department of Radiation Oncology, New England Medical Center, Tufts University School of Medicine, Boston, MA, 02111, USA  
 SOURCE: Journal of Biological Chemistry (2000), 275(20), 14824-14830  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 78 THERE ARE 78 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 71 OF 115 MEDLINE on STN  
 ACCESSION NUMBER: 2000243308 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 10779429  
 TITLE: REDK, a novel **human** regulatory erythroid **kinase**.  
 AUTHOR: Lord K A; Creasy C L; King A G; King C; Burns B M; Lee J C; Dillon S B  
 CORPORATE SOURCE: SmithKline Beecham Pharmaceuticals, Collegeville, PA 19426, USA.. kenneth\_a\_lord@sbphrd.com  
 SOURCE: Blood, (2000 May 1) 95 (9) 2838-46.  
 Journal code: 7603509. ISSN: 0006-4971.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
 ENTRY MONTH: 200005  
 ENTRY DATE: Entered STN: 20000606  
 Last Updated on STN: 20000606  
 Entered Medline: 20000523

L13 ANSWER 72 OF 115 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 6  
 ACCESSION NUMBER: 2000294082 EMBASE  
 TITLE: **Human** gastric cancer **kinase** profile and prognostic significance of MKK4 kinase.  
 AUTHOR: Wu C.-W.; Li A.F.-Y.; Chi C.-W.; Huang C.L.; Shen K.-H.; Liu W.-Y.; Lin W.-C.  
 CORPORATE SOURCE: W.-C. Lin, Institute of Biomedical Sciences, Academia Sinica, Taipei 115, Taiwan, Province of China.  
 wenlin@ibms.sinica.edu.tw  
 SOURCE: American Journal of Pathology, (2000) 156/6 (2007-2015).  
 Refs: 31  
 ISSN: 0002-9440 CODEN: AJPA44  
 COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article  
 FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
 016 Cancer  
 048 Gastroenterology  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L13 ANSWER 73 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 ACCESSION NUMBER: 2000:458456 BIOSIS  
 DOCUMENT NUMBER: PREV200000458456  
 TITLE: Hypermethylation of the death-associated protein (DAP) kinase promoter and aggressiveness in stage I

non-small-cell lung cancer.

AUTHOR(S): Tang, Ximing; Khuri, Fadlo R.; Lee, J. Jack; Kemp, Bonnie L.; Liu, Diane; Hong, Waun Ki; Mao, Li [Reprint author]

CORPORATE SOURCE: Molecular Biology Laboratory, Department of Thoracic/Head and Neck Medical Oncology, The University of Texas M. D. Anderson Cancer Center, 1515 Holcombe Blvd., Houston, TX, 77030, USA

SOURCE: Journal of the National Cancer Institute (Bethesda), (September 20, 2000) Vol. 92, No. 18, pp. 1511-1516. print. CODEN: JNCIEQ. ISSN: 0027-8874.

DOCUMENT TYPE: Article

LANGUAGE: English

ENTRY DATE: Entered STN: 25 Oct 2000  
Last Updated on STN: 10 Jan 2002

L13 ANSWER 74 OF 115 MEDLINE on STN DUPLICATE 7

ACCESSION NUMBER: 2001076688 MEDLINE

DOCUMENT NUMBER: PubMed ID: 11060497

TITLE: Functional implication of **human serine/threonine kinase**, hAIK, in cell cycle progression.

AUTHOR: Yang S C; Huang C H; Chen N J; Chou C K; Lin C H

CORPORATE SOURCE: Institute of Microbiology and Immunology, National Yang-Ming University, Taipei, Taiwan, ROC.

SOURCE: Journal of biomedical science, (2000 Nov-Dec) 7 (6) 484-93. Journal code: 9421567. ISSN: 1021-7770.

PUB. COUNTRY: Switzerland

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200101

ENTRY DATE: Entered STN: 20010322  
Last Updated on STN: 20020420  
Entered Medline: 20010111

L13 ANSWER 75 OF 115 MEDLINE on STN

ACCESSION NUMBER: 2001536966 MEDLINE

DOCUMENT NUMBER: PubMed ID: 11115766

TITLE: The Dstpk61 locus of Drosophila produces multiple transcripts and protein isoforms, suggesting it is involved in multiple signalling pathways.

AUTHOR: Clyde D; Bownes M

CORPORATE SOURCE: Institute of Cell and Molecular Biology, The University of Edinburgh, Darwin Building, King's Buildings, Mayfield Road, Edinburgh EH9 3JR, UK.

SOURCE: Journal of endocrinology, (2000 Dec) 167 (3) 391-401. Journal code: 0375363. ISSN: 0022-0795.

PUB. COUNTRY: ENGLAND: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200110

ENTRY DATE: Entered STN: 20011008  
Last Updated on STN: 20020420  
Entered Medline: 20011004

L13 ANSWER 76 OF 115 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 2000070150 EMBASE

TITLE: Molecular **cloning** and characterization of a novel **human STE20-like kinase**, hSLK.

AUTHOR: Yamada E.; Tsujikawa K.; Itoh S.; Kameda Y.; Kohama Y.; Yamamoto H.

CORPORATE SOURCE: K. Tsujikawa, Department of Immunology, Graduate Sch.

Pharmaceutical Sci., Osaka University, 1-6 Yamadaok, Suita,  
Osaka 565-0871, Japan. tujikawa@phs.osaka-u.ac.jp  
SOURCE: Biochimica et Biophysica Acta - Molecular Cell Research,  
(2000) 1495/3 (250-262).  
Refs: 51  
ISSN: 0167-4889 CODEN: BAMRDP  
PUBLISHER IDENT.: S 0167-4889(99)00164-0  
COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L13 ANSWER 77 OF 115 MEDLINE on STN  
ACCESSION NUMBER: 2000195629 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 10729225  
TITLE: A novel murine PKA-related protein kinase involved in  
neuronal differentiation.  
AUTHOR: Blaschke R J; Monaghan A P; Bock D; Rappold G A  
CORPORATE SOURCE: Institute of Human Genetics, University of Heidelberg, Im  
Neuenheimer Feld 328, Heidelberg, 69120, Germany.  
SOURCE: Genomics, (2000 Mar 1) 64 (2) 187-94.  
Journal code: 8800135. ISSN: 0888-7543.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AJ238004  
ENTRY MONTH: 200005  
ENTRY DATE: Entered STN: 20000518  
Last Updated on STN: 20020420  
Entered Medline: 20000511

L13 ANSWER 78 OF 115 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 1999:953537 SCISEARCH  
THE GENUINE ARTICLE: 262NT  
TITLE: Role of a **serine/threonine** kinase,  
Mst1, in megakaryocyte differentiation  
AUTHOR: Sun S S; Ravid K (Reprint)  
CORPORATE SOURCE: BOSTON UNIV, SCH MED, DEPT BIOCHEM, K225, 715 ALBANY ST,  
BOSTON, MA 02118 (Reprint); BOSTON UNIV, SCH MED, DEPT  
BIOCHEM, BOSTON, MA 02118; BOSTON UNIV, SCH MED, WHITAKER  
CARDIOVASC INST, BOSTON, MA 02118  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF CELLULAR BIOCHEMISTRY, (JAN 2000) Vol. 76, No.  
1, pp. 44-60.  
Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605  
THIRD AVE, NEW YORK, NY 10158-0012.  
ISSN: 0730-2312.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 41  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L13 ANSWER 79 OF 115 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2000-01634 BIOTECHDS  
TITLE: **Human serine/threonine** protein-  
**kinases** and encoding polynucleotides for diagnosis,  
prevention and treatment of cancer, inflammatory diseases and  
growth and development disorders;  
**recombinant** protein-kinase production via  
vector-mediated gene transfer and **expression** in  
e.g. CHO, HeLa or HEK-293 cell culture for therapy

AUTHOR: Bandman O; Goli K; Hillman J L  
 PATENT ASSIGNEE: Incyte-Pharm.  
 LOCATION: Palo Alto, CA, USA.  
 PATENT INFO: US 5985635 16 Nov 1999  
 APPLICATION INFO: US 1996-749902 15 Nov 1996  
 PRIORITY INFO: US 1996-749902 15 Nov 1996  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 OTHER SOURCE: WPI: 2000-012793 [01]

L13 ANSWER 80 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1999:811368 HCAPLUS  
 DOCUMENT NUMBER: 132:46950  
 TITLE: sequence and therapeutic applications for human  
 Nek-related and bub1-related protein kinases  
 INVENTOR(S): Plowman, Gregory; Martinez, Ricardo; Zhu, Yingfang  
 PATENT ASSIGNEE(S): Sugan, Inc., USA  
 SOURCE: PCT Int. Appl., 155 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9966051	A2	19991223	WO 1999-US13533	19990615
WO 9966051	A3	20000615		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2331889	AA	19991223	CA 1999-2331889	19990615
AU 9946862	A1	20000105	AU 1999-46862	19990615
EP 1088079	A2	20010404	EP 1999-930298	19990615
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002518016	T2	20020625	JP 2000-554860	19990615
PRIORITY APPLN. INFO.:			US 1998-89520P	P 19980616
			US 1998-98265P	P 19980828
			WO 1999-US13533	W 19990615

L13 ANSWER 81 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1999:714527 HCAPLUS  
 DOCUMENT NUMBER: 132:45656  
 TITLE: Mammalian homologues of the plant Tousled gene code for cell-cycle-regulated kinases with maximal activities linked to ongoing DNA replication  
 AUTHOR(S): Sillje, H. H. W.; Takahashi, K.; Tanaka, K.; Van Houwe, G.; Nigg, E. A.  
 CORPORATE SOURCE: Department of Molecular Biology, Sciences II, 30 quai Ernest-Ansermet, University of Geneva, Geneva, CH-1211/4, Switz.  
 SOURCE: EMBO Journal (1999), 18(20), 5691-5702  
 CODEN: EMJODG; ISSN: 0261-4189  
 PUBLISHER: Oxford University Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 82 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1999:620863 HCAPLUS  
 DOCUMENT NUMBER: 131:334992  
 TITLE: Identification of a chromosome 3p14.3-21.1 gene, APPL, encoding an adaptor molecule that interacts with the oncoprotein-**serine/threonine** kinase AKT2  
 AUTHOR(S): Mitsunuchi, Yasuhiro; Johnson, Steven W.; Sonoda, Gonosuke; Tanno, Satoshi; Golemis, Erica A.; Testa, Joseph R.  
 CORPORATE SOURCE: Molecular Oncology Program, Fox Chase Cancer Center, Philadelphia, PA, 19111, USA  
 SOURCE: Oncogene (1999), 18(35), 4891-4898  
 CODEN: ONCNES; ISSN: 0950-9232  
 PUBLISHER: Stockton Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 83 OF 115 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 ACCESSION NUMBER: 1999:356638 SCISEARCH  
 THE GENUINE ARTICLE: 192EW  
 TITLE: Centrosomal kinase AIK1 is overexpressed in invasive ductal **carcinoma** of the breast  
 AUTHOR: Tanaka T; Kimura M; Matsunaga K; Fukada D; Mori H; Okano Y (Reprint)  
 CORPORATE SOURCE: GIFU UNIV, SCH MED, DEPT MOL PATHOBIOCHEM, 40 TSUKASAMACHI, GIFU 5008705, JAPAN (Reprint); GIFU UNIV, SCH MED, DEPT MOL PATHOBIOCHEM, GIFU 5008705, JAPAN; KANAZAWA MED UNIV, DEPT PATHOL, UCHINADA, ISHIKAWA 920029, JAPAN; GIFU UNIV, SCH MED, DEPT PATHOL, GIFU 5008705, JAPAN  
 COUNTRY OF AUTHOR: JAPAN  
 SOURCE: CANCER RESEARCH, (1 MAY 1999) Vol. 59, No. 9, pp. 2041-2044.  
 Publisher: AMER ASSOC CANCER RESEARCH, PO BOX 11806, BIRMINGHAM, AL 35202.  
 ISSN: 0008-5472.  
 DOCUMENT TYPE: Article; Journal  
 FILE SEGMENT: LIFE; CLIN  
 LANGUAGE: English  
 REFERENCE COUNT: 40  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L13 ANSWER 84 OF 115 MEDLINE on STN  
 ACCESSION NUMBER: 1999438160 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 10508211  
 TITLE: Critical role of p42/44(MAPK) activation in anisomycin and hepatocyte growth factor-induced LDL receptor **expression**: activation of Raf-1/Mek-1/p42/44(MAPK) cascade alone is sufficient to induce LDL receptor **expression**.  
 AUTHOR: Dhawan P; Bell A; Kumar A; Golden C; Mehta K D  
 CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, College of Medicine, University of Arkansas for Medical Sciences, 4301 West Markham, Little Rock, AR 72205, USA.  
 CONTRACT NUMBER: HL-51592-04 (NHLBI)  
 SOURCE: Journal of lipid research, (1999 Oct) 40 (10) 1911-9.  
 Journal code: 0376606. ISSN: 0022-2275.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199912  
ENTRY DATE: Entered STN: 20000113  
Last Updated on STN: 20020420  
Entered Medline: 19991223

L13 ANSWER 85 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1998:640354 HCAPLUS  
DOCUMENT NUMBER: 129:256023  
TITLE: Cloning and cDNA sequence of human  
serine/threonine protein  
kinase

INVENTOR(S): Bandman, Olga; Guegler, Karl J.; Lal, Preeti  
PATENT ASSIGNEE(S): Incyte Pharmaceuticals, Inc., USA  
SOURCE: PCT Int. Appl., 64 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9841639	A1	19980924	WO 1998-US4547	19980309
W: AT, AU, BR, CA, CH, CN, DE, DK, ES, FI, GB, IL, JP, KR, MX, NO, NZ, RU, SE, SG, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5965365	A	19991012	US 1997-818024	19970314
AU 9865460	A1	19981012	AU 1998-65460	19980309
EP 970223	A1	20000112	EP 1998-911523	19980309
R: BE, DE, ES, FR, GB, IT, NL				
JP 2001517940	T2	20011009	JP 1998-540567	19980309
US 6162431	A	20001219	US 1999-334775	19990616
PRIORITY APPLN. INFO.: US 1997-818024 A2 19970314 WO 1998-US4547 W 19980309				
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L13 ANSWER 86 OF 115 MEDLINE on STN DUPLICATE 8  
ACCESSION NUMBER: 1998104129 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9430685  
TITLE: Identification of the thyroid transcription  
factor-1 as a target for rat MST2 kinase.  
AUTHOR: Aurisicchio L; Di Lauro R; Zannini M  
CORPORATE SOURCE: Stazione Zoologica A. Dohrn, Napoli, Italy.  
SOURCE: Journal of biological chemistry, (1998 Jan 16) 273 (3)  
1477-82.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AJ001529  
ENTRY MONTH: 199802  
ENTRY DATE: Entered STN: 19980224  
Last Updated on STN: 20020420  
Entered Medline: 19980212

L13 ANSWER 87 OF 115 MEDLINE on STN  
ACCESSION NUMBER: 1998126132 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9466656

TITLE: Molecular **cloning** of human TAK1 and its  
mutational analysis in human lung cancer.  
AUTHOR: Kondo M; Osada H; Uchida K; Yanagisawa K; Masuda A; Takagi  
K; Takahashi T; Takahashi T  
CORPORATE SOURCE: Laboratory of Ultrastructure Research, Aichi Cancer Center  
Research Institute, Nagoya, Japan.  
SOURCE: International journal of cancer. Journal international du  
cancer, (1998 Feb 9) 75 (4) 559-63.  
Journal code: 0042124. ISSN: 0020-7136.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199802  
ENTRY DATE: Entered STN: 19980306  
Last Updated on STN: 20000303  
Entered Medline: 19980226

L13 ANSWER 88 OF 115 MEDLINE on STN  
ACCESSION NUMBER: 1998094369 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9430639  
TITLE: A centrosomal function for the **human** Nek2 protein  
**kinase**, a member of the NIMA family of cell cycle  
regulators.  
AUTHOR: Fry A M; Meraldi P; Nigg E A  
CORPORATE SOURCE: Department of Molecular Biology, Sciences II, University of  
Geneva, Switzerland.  
SOURCE: EMBO journal, (1998 Jan 15) 17 (2) 470-81.  
Journal code: 8208664. ISSN: 0261-4189.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199802  
ENTRY DATE: Entered STN: 19980306  
Last Updated on STN: 20020420  
Entered Medline: 19980226

L13 ANSWER 89 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1998:29361 HCAPLUS  
DOCUMENT NUMBER: 128:152647  
TITLE: Peutz-Jeghers syndrome is caused by mutations in a  
novel **serine threonine** kinase  
AUTHOR(S): Jenne, Dieter E.; Reimann, Heike; Nezu, Jun-ichi;  
Friedel, Waltraut; Loff, Steffan; Jeschke, Reinhard;  
Muller, Oliver; Back, Walter; Zimmer, Michael  
CORPORATE SOURCE: Dep. Neuroimmunol., Max-Planck-Inst. Psychiatry,  
Martinsried, 82152, Germany  
SOURCE: Nature Genetics (1998), 18(1), 38-43  
CODEN: NGENEC; ISSN: 1061-4036  
PUBLISHER: Nature America  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 90 OF 115 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN DUPLICATE 9  
ACCESSION NUMBER: 97317180 EMBASE  
DOCUMENT NUMBER: 1997317180  
TITLE: **Cloning** and partial sequencing of a novel  
**human** activin receptor-like **kinase**.  
AUTHOR: Ohno T.; Imai A.; Takagi A.; Horibe S.; Takagi H.; Tamaya  
T.



CORPORATE SOURCE: Dr. A. Imai, Dept. of Obstetrics and Gynecology, Gifu University School of Medicine, Tsukasamachi, Gifu 500, Japan

SOURCE: Oncology Reports, (1997) 4/6 (1349-1351).

Refs: 16

ISSN: 1021-335X CODEN: OCRPEW

COUNTRY: Greece

DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 016 Cancer  
022 Human Genetics  
029 Clinical Biochemistry

LANGUAGE: English

SUMMARY LANGUAGE: English

L13 ANSWER 91 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1997:316553 HCAPLUS

DOCUMENT NUMBER: 127:1463

TITLE: Human SAK related to the PLK/polo family of cell cycle kinases shows high mRNA **expression** in testis

AUTHOR(S): Karn, Thomas; Holtrich, Uwe; Wolf, Georg; Hock, Bjoern; Strebhardt, Klaus; Ruebsamen-Waigmann, Helga  
CORPORATE SOURCE: Chemotherapeutisches Forschungsinstitut, Frankfurt, 60596, Germany

SOURCE: Oncology Reports (1997), 4(3), 505-510

CODEN: OCRPEW; ISSN: 1021-335X

PUBLISHER: Oncology Reports

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 92 OF 115 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 10

ACCESSION NUMBER: 97266052 EMBASE

DOCUMENT NUMBER: 1997266052

TITLE: DAP-kinase loss of **expression** in various **carcinoma** and B-cell lymphoma cell lines: Possible implications for role as tumor suppressor gene.

AUTHOR: Kissil J.L.; Feinstein E.; Cohen O.; Jones P.A.; Tsai Y.C.; Knowles M.A.; Eydmann M.E.; Kimchi A.

CORPORATE SOURCE: A. Kimchi, Department of Molecular Genetics, The Weizmann Institute of Science, Rehovot 76100, Israel

SOURCE: Oncogene, (1997) 15/4 (403-407).

Refs: 30

ISSN: 0950-9232 CODEN: ONCNES

COUNTRY: United Kingdom

DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 016 Cancer  
022 Human Genetics

LANGUAGE: English

SUMMARY LANGUAGE: English

L13 ANSWER 93 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1997:525382 HCAPLUS

DOCUMENT NUMBER: 127:232451

TITLE: CDC2-related kinase PITALRE phosphorylates pRb exclusively on **serine** and is widely **expressed** in human tissues

AUTHOR(S): De Luca, Antonio; Esposito, Vincenzo; Baldi, Alfonso; Claudio, Pier Paolo; Fu, Yan; Caputi, Mario; Pisano, M. Michele; Baldi, Feliciano; Giordano, Antonio  
CORPORATE SOURCE: Departments of Pathology, Anatomy, and Cell Biology, Jefferson Medical College, Philadelphia, PA, 19107, USA

SOURCE: Journal of Cellular Physiology (1997), 172(2), 265-273  
CODEN: JCLLAX; ISSN: 0021-9541  
PUBLISHER: Wiley-Liss  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 94 OF 115 MEDLINE on STN  
ACCESSION NUMBER: 1998096235 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9434622  
TITLE: The in vivo **expression** pattern of mouse Nek2, a  
NIMA-related kinase, indicates a role in both mitosis and  
meiosis.  
AUTHOR: Tanaka K; Parvinen M; Nigg E A  
CORPORATE SOURCE: Department of Molecular Biology, Sciences II, University of  
Geneva, Switzerland.  
SOURCE: Experimental cell research, (1997 Dec 15) 237 (2) 264-74.  
Journal code: 0373226. ISSN: 0014-4827.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-AF007247  
ENTRY MONTH: 199802  
ENTRY DATE: Entered STN: 19980217  
Last Updated on STN: 20020420  
Entered Medline: 19980203

L13 ANSWER 95 OF 115 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 11  
ACCESSION NUMBER: 1998:5837 BIOSIS  
DOCUMENT NUMBER: PREV199800005837  
TITLE: Identification and sequence of **human PKY**, a  
putative **kinase** with increased **expression**  
in multidrug-resistant cells, with homology to yeast  
protein kinase Yak1.  
AUTHOR(S): Begley, Dale A.; Berkenpas, Mitchell B.; Sampson, Kathleen  
E.; Abraham, Irene [Reprint author]  
CORPORATE SOURCE: Cell Biology Inflammation Res., Pharmacia and Upjohn Inc.,  
Kalamazoo, MI 49001, USA  
SOURCE: Gene (Amsterdam), (Oct. 24, 1997) Vol. 200, No. 1-2, pp.  
35-43. print.  
CODEN: GENED6. ISSN: 0378-1119.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
OTHER SOURCE: Genbank-AF004849; Genbank-A32582; Genbank-A41227;  
Genbank-S53324; Genbank-S53536; Genbank-S53641;  
Genbank-X07767; Genbank-X70794; Genbank-X79769;  
Genbank-Y13493  
ENTRY DATE: Entered STN: 23 Dec 1997  
Last Updated on STN: 24 Feb 1998

L13 ANSWER 96 OF 115 MEDLINE on STN DUPLICATE 12  
ACCESSION NUMBER: 96325053 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8702627  
TITLE: Prk, a cytokine-inducible **human protein**  
**serine/threonine kinase** whose  
**expression** appears to be down-regulated in lung  
**carcinomas**.  
AUTHOR: Li B; Ouyang B; Pan H; Reissmann P T; Slamon D J; Arceci R;  
Lu L; Dai W  
CORPORATE SOURCE: Department of Internal Medicine, University of Cincinnati  
College of Medicine, Cincinnati, Ohio 45267, USA.  
CONTRACT NUMBER: R01CA59985 (NCI)  
SOURCE: Journal of biological chemistry, (1996 Aug 9) 271 (32)

19402-8.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-U56998  
ENTRY MONTH: 199609  
ENTRY DATE: Entered STN: 19960924  
Last Updated on STN: 20020420  
Entered Medline: 19960916

L13 ANSWER 97 OF 115 MEDLINE on STN  
ACCESSION NUMBER: 96233648 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8640558  
TITLE: Antitumor activity of a phosphorothioate antisense oligodeoxynucleotide targeted against C-raf kinase.  
COMMENT: Comment in: Nat Med. 1996 Jun;2(6):634-5. PubMed ID: 8640548  
Erratum in: Nat Med. 1999 Feb;5(2):127. PubMed ID: 9930845  
AUTHOR: Monia B P; Johnston J F; Geiger T; Muller M; Fabbro D  
CORPORATE SOURCE: Department of Molecular Pharmacology, Isis Pharmaceuticals, Carlsbad, California 92008, USA.  
SOURCE: Nature medicine, (1996 Jun) 2 (6) 668-75.  
Journal code: 9502015. ISSN: 1078-8956.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199607  
ENTRY DATE: Entered STN: 19960726  
Last Updated on STN: 19980206  
Entered Medline: 19960715

L13 ANSWER 98 OF 115 MEDLINE on STN  
ACCESSION NUMBER: 96132944 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8550604  
TITLE: Biochemical characterization of the **human** cyclin-dependent protein **kinase** activating kinase. Identification of p35 as a novel regulatory subunit.  
AUTHOR: Yee A; Wu L; Liu L; Kobayashi R; Xiong Y; Hall F L  
CORPORATE SOURCE: Department of Molecular Pharmacology and Toxicology, University of Southern California School of Pharmacy, Los Angeles 90033, USA.  
CONTRACT NUMBER: 1R01-GM49715-01 (NIGMS)  
SOURCE: Journal of biological chemistry, (1996 Jan 5) 271 (1) 471-7.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199602  
ENTRY DATE: Entered STN: 19960306  
Last Updated on STN: 20020420  
Entered Medline: 19960220

L13 ANSWER 99 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1995:543568 HCAPLUS  
DOCUMENT NUMBER: 122:285539  
TITLE: A **serine/threonine** protein kinase that phosphorylates the N-terminal activation domain of the c-jun protein

INVENTOR(S): Karin, Michael; Davis, Roger; Hibi, Masahiko; Lin, Anning; Derijard, Benoit  
 PATENT ASSIGNEE(S): University of California, USA; University of Massachusetts  
 SOURCE: PCT Int. Appl., 142 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 5  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9503323	A1	19950202	WO 1994-US8119	19940718
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LT, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5534426	A	19960709	US 1993-94533	19930719
US 6514745	B1	20030204	US 1994-220602	19940325
AU 9473380	A1	19950220	AU 1994-73380	19940718
AU 700137	B2	19981224		
EP 726908	A1	19960821	EP 1994-923544	19940718
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 09507384	T2	19970729	JP 1995-505262	19940718
JP 2925740	B2	19990728		
PRIORITY APPLN. INFO.:			US 1993-94533	A 19930719
			US 1994-220602	A 19940325
			WO 1994-US8119	W 19940718

L13 ANSWER 100 OF 115 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 13

ACCESSION NUMBER: 95354651 EMBASE  
 DOCUMENT NUMBER: 1995354651  
 TITLE: Inactivation of activin-dependent transcription by kinase-deficient activin receptors.  
 AUTHOR: Tsuchida K.; Vaughan J.M.; Wiater E.; Gaddy-Kurten D.; Vale W.W.  
 CORPORATE SOURCE: CFLPB, Salk Inst. for Biological Studies, 10010 North Torrey Pines Road, San Diego, CA 92037, United States  
 SOURCE: Endocrinology, (1995) 136/12 (5493-5503).  
 ISSN: 0013-7227 CODEN: ENDOAO  
 COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article  
 FILE SEGMENT: 003 Endocrinology  
 021 Developmental Biology and Teratology  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L13 ANSWER 101 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1994:477177 HCAPLUS  
 DOCUMENT NUMBER: 121:77177  
 TITLE: Differential **expression** of a novel protein kinase in human B lymphocytes. Preferential localization in the germinal center  
 AUTHOR(S): Katz, Paul; Wahlen, Gail; Kehrl, John H.  
 CORPORATE SOURCE: Lab. Immunoregul., Natl. Inst. Health, Bethesda, MD, 20892, USA  
 SOURCE: Journal of Biological Chemistry (1994), 269(24), 16802-9  
 CODEN: JBCHA3; ISSN: 0021-9258  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 102 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1995:111078 HCAPLUS  
 DOCUMENT NUMBER: 122:2416  
 TITLE: Molecular **cloning** of PISSLRE, a novel  
 putative member of the cdk family of protein  
**serine/threonine** kinases  
 AUTHOR(S): Brambilla, Riccardo; Draetta, Giulio  
 CORPORATE SOURCE: European Molecular Biology Laboratory, Heidelberg,  
 D69012, Germany  
 SOURCE: Oncogene (1994), 9(10), 3037-41  
 CODEN: ONCNES; ISSN: 0950-9232  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 103 OF 115 MEDLINE on STN DUPLICATE 14  
 ACCESSION NUMBER: 94268838 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 8208544  
 TITLE: Two novel **human serine/**  
**threonine kinases** with homologies to the  
 cell cycle regulating Xenopus MO15, and NIMA kinases:  
**cloning** and characterization of their  
**expression** pattern.  
 AUTHOR: Levedakou E N; He M; Baptist E W; Craven R J; Cance W G;  
 Welcsh P L; Simmons A; Naylor S L; Leach R J; Lewis T B; +  
 CORPORATE SOURCE: Department of Medicine, Lineberger Comprehensive Cancer  
 Center, University of North Carolina, Chapel Hill 27599.  
 CONTRACT NUMBER: 1P50CA58223-01 (NCI)  
 CA27632 (NCI)  
 K08 CA01625 (NCI)  
 +  
 SOURCE: Oncogene, (1994 Jul) 9 (7) 1977-88.  
 Journal code: 8711562. ISSN: 0950-9232.  
 PUB. COUNTRY: ENGLAND: United Kingdom  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 OTHER SOURCE: GENBANK-L20320; GENBANK-L20321  
 ENTRY MONTH: 199407  
 ENTRY DATE: Entered STN: 19940721  
 Last Updated on STN: 20020420  
 Entered Medline: 19940714

L13 ANSWER 104 OF 115 MEDLINE on STN DUPLICATE 15  
 ACCESSION NUMBER: 94173904 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 8127874  
 TITLE: Induction and down-regulation of PLK, a **human**  
**serine/threonine kinase**  
**expressed** in proliferating cells and tumors.  
 AUTHOR: Holtrich U; Wolf G; Brauninger A; Karn T; Bohme B;  
 Rubsamen-Waigmann H; Strebhardt K  
 CORPORATE SOURCE: Chemotherapeutisches Forschungsinstitut, Georg-Speyer-Haus,  
 Frankfurt, Germany.  
 SOURCE: Proceedings of the National Academy of Sciences of the  
 United States of America, (1994 Mar 1) 91 (5) 1736-40.  
 Journal code: 7505876. ISSN: 0027-8424.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 OTHER SOURCE: GENBANK-X75932  
 ENTRY MONTH: 199404  
 ENTRY DATE: Entered STN: 19940420  
 Last Updated on STN: 20020420

Entered Medline: 19940411

L13 ANSWER 105 OF 115 MEDLINE on STN  
ACCESSION NUMBER: 95051109 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 7962193  
TITLE: Cell cycle analysis and chromosomal localization of human  
Plk1, a putative homologue of the mitotic kinases  
Drosophila polo and Saccharomyces cerevisiae Cdc5.  
AUTHOR: Golsteyn R M; Schultz S J; Bartek J; Ziemiecki A; Ried T;  
Nigg E A  
CORPORATE SOURCE: Swiss Institute for Experimental Cancer Research (ISREC),  
Epalinges.  
SOURCE: Journal of cell science, (1994 Jun) 107 ( Pt 6) 1509-17.  
Journal code: 0052457. ISSN: 0021-9533.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-X73458  
ENTRY MONTH: 199411  
ENTRY DATE: Entered STN: 19950110  
Last Updated on STN: 20020420  
Entered Medline: 19941129

L13 ANSWER 106 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1994:673250 HCAPLUS  
DOCUMENT NUMBER: 121:273250  
TITLE: **Cloning** and characterization of human and  
murine homologs. of the Drosophila polo **serine**  
**-threonine** kinase  
AUTHOR(S): Hamanaka, Ryogi; Maloid, S.; Smith, Mark R.;  
O'Connell, Cathy D.; Longo, Dan L.; Ferris, Douglas K.  
CORPORATE SOURCE: Div. Cancer Treat., Program Resour./Dyncorp Inc.,  
Frederick, MD, 21702, USA  
SOURCE: Cell Growth & Differentiation (1994), 5(3), 249-57  
CODEN: CGDIE7; ISSN: 1044-9523  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 107 OF 115 MEDLINE on STN DUPLICATE 16  
ACCESSION NUMBER: 95031091 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 7944411  
TITLE: Identification, assay, and purification of a  
Cdc2-activating **threonine**-161 protein kinase from  
human cells.  
AUTHOR: Williams R T; Wu L; Carbonaro-Hall D A; Hall F L  
CORPORATE SOURCE: Research Institute of Childrens Hospital Los Angeles,  
University of Southern California School of Medicine 90027.  
CONTRACT NUMBER: 1R01-GM49715-01 (NIGMS)  
SOURCE: Archives of biochemistry and biophysics, (1994 Oct) 314 (1)  
99-106.  
Journal code: 0372430. ISSN: 0003-9861.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199411  
ENTRY DATE: Entered STN: 19941222  
Last Updated on STN: 20000303  
Entered Medline: 19941110

L13 ANSWER 108 OF 115 MEDLINE on STN DUPLICATE 17  
ACCESSION NUMBER: 94075851 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8254211

TITLE: IL-2-induced **expression** of TTK, a **serine**  
**, threonine**, tyrosine kinase, correlates with  
cell cycle progression.

AUTHOR: Schmandt R; Hill M; Amendola A; Mills G B; Hogg D  
CORPORATE SOURCE: Toronto General Hospital, Ontario, Canada.  
SOURCE: Journal of immunology (Baltimore, Md. : 1950), (1994 Jan 1)  
152 (1) 96-105.  
Journal code: 2985117R. ISSN: 0022-1767.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 199401  
ENTRY DATE: Entered STN: 19940203  
Last Updated on STN: 19940203  
Entered Medline: 19940112

L13 ANSWER 109 OF 115 MEDLINE on STN DUPLICATE 18  
ACCESSION NUMBER: 93216709 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8463287  
TITLE: Interaction of the **human** insulin receptor  
tyrosine **kinase** from the baculovirus  
**expression** system with protein kinase C in a  
cell-free system.

AUTHOR: Ahn J; Donner D B; Rosen O M  
CORPORATE SOURCE: Memorial Sloan-Kettering Cancer Center, New York, New York.  
CONTRACT NUMBER: CA44747 (NCI)  
DK35158 (NIDDK)  
SOURCE: Journal of biological chemistry, (1993 Apr 5) 268 (10)  
7571-6.  
Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199305  
ENTRY DATE: Entered STN: 19930521  
Last Updated on STN: 20000303  
Entered Medline: 19930505

L13 ANSWER 110 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1993:227170 HCAPLUS  
DOCUMENT NUMBER: 118:227170  
TITLE: Molecular **cloning** and characterization of  
PKC $\theta$ , a novel member of the protein kinase C  
(PKC) gene family **expressed** predominantly in  
hematopoietic cells

AUTHOR(S): Baier, Gottfried; Telford, David; Giampa, Leslie;  
Coggeshall, K. Mark; Baier-Bitterlich, Gabriele;  
Isakov, Noah; Altman, Amnon  
CORPORATE SOURCE: La Jolla Inst. Allergy Immunol., La Jolla, CA, 92037,  
USA  
SOURCE: Journal of Biological Chemistry (1993), 268(7),  
4997-5004  
CODEN: JBCHA3; ISSN: 0021-9258

DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 111 OF 115 MEDLINE on STN DUPLICATE 19  
ACCESSION NUMBER: 93357469 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 7688988  
TITLE: **Expression** of isoforms of the **human**  
receptor tyrosine **kinase** c-kit in leukemic cell  
lines and acute myeloid leukemia.

AUTHOR: Crosier P S; Ricciardi S T; Hall L R; Vitas M R; Clark S C;  
Crosier K E  
CORPORATE SOURCE: Department of Molecular Medicine, School of Medicine,  
University of Auckland, New Zealand.  
SOURCE: Blood, (1993 Aug 15) 82 (4) 1151-8.  
Journal code: 7603509. ISSN: 0006-4971.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 199309  
ENTRY DATE: Entered STN: 19931008  
Last Updated on STN: 20000303  
Entered Medline: 19930917

L13 ANSWER 112 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1994:28371 HCAPLUS  
DOCUMENT NUMBER: 120:28371  
TITLE: Novel protein kinases **expressed** in human  
breast cancer  
AUTHOR(S): Cance, William G.; Craven, Rolf J.; Weiner, Timothy  
M.; Liu, Edison T.  
CORPORATE SOURCE: Sch. Med., Univ. North Carolina, Chapel Hill, NC,  
27599, USA  
SOURCE: International Journal of Cancer (1993), 54(4), 571-7  
CODEN: IJCNAW; ISSN: 0020-7136  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 113 OF 115 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 93:26887 SCISEARCH  
THE GENUINE ARTICLE: KF407  
TITLE: TUMOR SUPPRESSOR FUNCTION OF THE INTERFERON-INDUCED  
DOUBLE-STRANDED RNA-ACTIVATED PROTEIN-KINASE  
AUTHOR: MEURS E F; GALABRU J; BARBER G N; KATZE M G; HOVANESSIAN A  
G (Reprint)  
CORPORATE SOURCE: INST PASTEUR, DEPT AIDS & RETROVIRUSES, CNRS, VIROL &  
CELLULAR IMMUNOL 1157, F-75724 PARIS 15, FRANCE; UNIV  
WASHINGTON, SCH MED, DEPT MICROBIOL, SEATTLE, WA, 98195  
COUNTRY OF AUTHOR: FRANCE; USA  
SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE  
UNITED STATES OF AMERICA, (01 JAN 1993) Vol. 90, No. 1,  
pp. 232-236.  
ISSN: 0027-8424.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 48  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L13 ANSWER 114 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1992:145141 HCAPLUS  
DOCUMENT NUMBER: 116:145141  
TITLE: Structure and transforming potential of the human cot  
oncogene encoding a putative protein kinase  
AUTHOR(S): Miyoshi, Jun; Higashi, Takatsugu; Mukai, Hiroyuki;  
Ohuchi, Tohru; Kakunaga, Takeo  
CORPORATE SOURCE: Res. Inst. Microb. Dis., Osaka Univ., Osaka, 565,  
Japan  
SOURCE: Molecular and Cellular Biology (1991), 11(8), 4088-96  
CODEN: MCEBD4; ISSN: 0270-7306  
DOCUMENT TYPE: Journal  
LANGUAGE: English



L13 ANSWER 115 OF 115 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 1989:529326 HCAPLUS  
 DOCUMENT NUMBER: 111:129326  
 TITLE: Specific phosphorylation by calcium-EGTA complex of a  
 75 kDa human tumor plasma membrane protein (pp75)  
 AUTHOR(S): Ziai, M. Reza; Ferrone, Soldano  
 CORPORATE SOURCE: Dep. Microbiol. Immunol., New York Med. Coll.,  
 Valhalla, NY, 10595, USA  
 SOURCE: International Journal of Biochemistry (1989), 21(7),  
 731-8  
 CODEN: IJBOBV; ISSN: 0020-711X  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

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(FILE 'HOME' ENTERED AT 12:04:44 ON 01 APR 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,  
 LIFESCI' ENTERED AT 12:07:11 ON 01 APR 2004

L1 1184310 S KINASE?  
 L2 428442 S HUMAN AND L1  
 L3 19760 S HUMAN (3W) L1  
 L4 6452300 S CLON? OR EXPRESS? OR RECOMBINANT  
 L5 9453 S L3 AND L4  
 L6 1029318 S S BRAIN OR PITUITARY OR BONE(A) MARROW  
 L7 1187389 S LYMPH(A)NODE OR THYROID OR OVARY OR FETAL(A) LUNG  
 L8 1483626 S OSTEOSARCOMA OR CARCINOMA  
 L9 3395307 S L6 OR L7 OR L8  
 L10 1119 S L5 AND L9  
 L11 399431 S SERINE OR THREONINE  
 L12 174 S L10 AND L11  
 L13 115 DUP REM L12 (59 DUPLICATES REMOVED)

=> e yu x/au

E1 2 YU WYATT/AU  
 E2 1 YU WZ/AU  
 E3 1943 --> YU X/AU  
 E4 1 YU X \*/AU  
 E5 19 YU X A/AU  
 E6 1 YU X A D/AU  
 E7 171 YU X B/AU  
 E8 180 YU X C/AU  
 E9 7 YU X CHRISTOPHER/AU  
 E10 125 YU X D/AU  
 E11 2 YU X D W/AU  
 E12 5 YU X E/AU

=> ss e3

L14 1943 "YU X"/AU

=> s e3

L15 1943 "YU X"/AU

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E1 2 MIRANDA LUIZ T/AU  
 E2 4 MIRANDA LUIZAGA JORGE/AU  
 E3 1112 --> MIRANDA M/AU  
 E4 543 MIRANDA M A/AU  
 E5 1 MIRANDA M A \*/AU  
 E6 15 MIRANDA M A C/AU  
 E7 23 MIRANDA M A C D/AU  
 E8 1 MIRANDA M A L/AU

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E9          1      MIRANDA M A P D/AU
E10         11     MIRANDA M A R/AU
E11         3      MIRANDA M A R B/AU
E12         1      MIRANDA M ALBERTO/AU

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L16         1112 "MIRANDA M"/AU
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E3          0 --> FRIDDLEW C J/AU
E4          1      FRIDDSTROUD V/AU
E5          1      FRIDE B/AU
E6          1      FRIDE B Y/AU
E7         196     FRIDE E/AU
E8          1      FRIDE E C/AU
E9          52     FRIDE ESTER/AU
E10         3      FRIDE ESTHER/AU
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E12         1      FRIDE LOUIS F/AU

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E6         35     FRIDDLE CARL JOHAN/AU
E7          2      FRIDDLE F E/AU
E8          2      FRIDDLE H/AU
E9          1      FRIDDLE J/AU
E10         2      FRIDDLE J D/AU
E11         1      FRIDDLE JOHN D/AU
E12         1      FRIDDLE JR W D/AU

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=> s e6

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L17         35 "FRIDDLE CARL JOHAN"/AU
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=> e walke d w/au

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E4         50     WALKE D WADE/AU
E5          2      WALKE DANIEL W/AU
E6          1      WALKE DANIEL WADE/AU
E7          1      WALKE E F/AU
E8          1      WALKE E N/AU
E9          1      WALKE E W/AU
E10         1      WALKE ERIK N/AU
E11         1      WALKE FRED/AU
E12         1      WALKE G/AU

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=> s e4

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L18         50 "WALKE D WADE"/AU
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=> d his

(FILE 'HOME' ENTERED AT 12:04:44 ON 01 APR 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,  
LIFESCI' ENTERED AT 12:07:11 ON 01 APR 2004

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L1         1184310 S KINASE?
L2         428442 S HUMAN AND L1

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L3 19760 S HUMAN (3W) L1  
 L4 6452300 S CLON? OR EXPRESS? OR RECOMBINANT  
 L5 9453 S L3 AND L4  
 L6 1029318 S S BRAIN OR PITUITARY OR BONE(A) MARROW  
 L7 1187389 S LYMPH(A)NODE OR THYROID OR OVARY OR FETAL(A)LUNG  
 L8 1483626 S OSTEOSARCOMA OR CARCINOMA  
 L9 3395307 S L6 OR L7 OR L8  
 L10 1119 S L5 AND L9  
 L11 399431 S SERINE OR THREONINE  
 L12 174 S L10 AND L11  
 L13 115 DUP REM L12 (59 DUPLICATES REMOVED)  
 E YU X/AU  
 L14 1943 SS E3  
 L15 1943 S E3  
 E MIRANDA M/AU  
 L16 1112 S E3  
 E FRIDDLW C J/AU  
 E FRIDDLE C J/AU  
 L17 35 S E6  
 E WALKE D W/AU  
 L18 50 S E4

=> s l15 or l16 or l17 or l18  
 L19 3121 L15 OR L16 OR L17 OR L18

=> s l13 and l19  
 L20 3 L13 AND L19

=> d 1-3 ibib ab

L20 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:575249 HCAPLUS  
 DOCUMENT NUMBER: 137:136141  
 TITLE: **Human protein kinase**, its cDNA and  
 protein sequences, and use thereof  
 INVENTOR(S): Yu, Xuanchuan; Miranda, Maricar; **Fridde, Carl Johan**  
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA  
 SOURCE: PCT Int. Appl., 50 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002059325	A2	20020801	WO 2001-US50497	20011220
WO 2002059325	A3	20030320		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,  
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,  
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2002123622 A1 20020905 US 2001-28946 20011220

PRIORITY APPLN. INFO.: US 2000-258335P P 20001227

AB The invention provides protein and cDNA sequences for two novel  
**human protein kinases** (2054 and 1958 amino acids resp.),  
 which are obtained by searching human genomic sequence database (Reference  
 GenBank AC016922) in conjunction with cDNAs prepared and isolated from human

fetal kidney, testis, and **lymph node** mRNAs. The novel protein kinase have sequence homol. to Kinase **serine/threonine** protein kinase as well as Citron kinase from a variety of phyla species. The described genes are mapped to chromosome 12 and a C/G polymorphism is reported for both of them (at nucleotide 5218/6065 resp.). Methods for the preparation of **recombinant** proteins, transgenic animals, and related antibodies are also described. Novel human polynucleotide and polypeptide sequences are disclosed that can be used in therapeutic, diagnostic, and pharmacogenomic applications.

L20 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:172058 HCAPLUS

DOCUMENT NUMBER: 136:227966

TITLE: Protein and cDNA sequences of **human** protein kinase sequence homologs and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): **Friddle, Carl Johan**; Hilbun, Erin; Nepomnichy, Boris; Hu, Yi

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002018555	A2	20020307	WO 2001-US26776	20010828
WO 2002018555	A3	20030227		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2001085326	A5	20020313	AU 2001-85326	20010828
US 2002147320	A1	20021010	US 2001-940921	20010828
PRIORITY APPLN. INFO.:			US 2000-229280P P	20000831
			WO 2001-US26776 W	20010828

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares substantial sequence homol. with animal kinases, and particularly NIMA (never in mitosis A) related kinases, **serine/threonine** kinases, calcium/calmodulin-dependent kinases, and myosin light chain kinases. While NHP shares sequence homol. with other protein kinases, its primary sequence is unique. **Expression** of NHPs can be detected in, inter alia, human cell lines, and human fetal and adult brain, **pituitary**, cerebellum, spinal cord, thymus, spleen, **lymph node**, **bone marrow**, trachea, lung, kidney, fetal and adult liver, prostate, testis, **thyroid**, small intestine, heart, uterus, placenta, mammary gland, adipose, esophagus, cervix, rectum, fetal kidney, and **fetal lung** (SEQID NOS:2 and 4), or human **pituitary**, kidney, **thyroid**, skeletal muscle, and heart cells (SEQ ID NOS: 7 and 9). The described sequences were compiled from sequences available in GENBANK, and cDNAs generated from kidney, testis, trachea, esophagus, **pituitary**, human gene trapped products (SEQ ID NOS: 2 and 4), or **bone marrow** and skeletal muscle mRNAs. In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for

utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

L20 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:618177 HCAPLUS

DOCUMENT NUMBER: 135:191337

TITLE: Protein and cDNA sequences of novel **human kinase** homologs and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): **Walke, D. Wade**; Hu, Yi; Nepomnichy, Boris; Turner, C. Alexander, Jr.; Zambrowicz, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002038011	A1	20020328	US 2001-783320	20010215
EP 1257652	A2	20021120	EP 2001-912839	20010215
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003531577	T2	20031028	JP 2001-559853	20010215
PRIORITY APPLN. INFO.:			US 2000-183582P P	20000218
			US 2000-184014P P	20000222
			WO 2001-US5356 W	20010215

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares structural similarity with animal kinases, including cell division control protein kinases, **serine/threonine** protein kinases and membrane-associated guanylate kinases (MAGUKs). The NHPs are novel proteins that are **expressed** in, inter alia, human cell lines and human fetal and adult brain, **pituitary**, cerebellum, thymus, spleen, **lymph node**, **bone marrow**, trachea, fetal and adult liver, prostate, testis, **thyroid**, adrenal gland, pancreas, salivary gland, stomach, small intestine, colon, uterus, placenta, mammary gland, adipose, esophagus, bladder, cervix, rectum, pericardium, hypothalamus, **ovary**, fetal and adult kidney, and **fetal lung** cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

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(FILE 'HOME' ENTERED AT 12:04:44 ON 01 APR 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,

LIFESCI' ENTERED AT 12:07:11 ON 01 APR 2004

L1	1184310 S KINASE?
L2	428442 S HUMAN AND L1
L3	19760 S HUMAN (3W) L1
L4	6452300 S CLON? OR EXPRESS? OR RECOMBINANT
L5	9453 S L3 AND L4
L6	1029318 S S BRAIN OR PITUITARY OR BONE(A) MARROW
L7	1187389 S LYMPH(A)NODE OR THYROID OR OVARY OR FETAL(A) LUNG
L8	1483626 S OSTEOSARCOMA OR CARCINOMA
L9	3395307 S L6 OR L7 OR L8
L10	1119 S L5 AND L9
L11	399431 S SERINE OR THREONINE
L12	174 S L10 AND L11
L13	115 DUP REM L12 (59 DUPLICATES REMOVED) E YU X/AU
L14	1943 SS E3
L15	1943 S E3 E MIRANDA M/AU
L16	1112 S E3 E FRIDDLW C J/AU E FRIDDLE C J/AU
L17	35 S E6 E WALKE D W/AU
L18	50 S E4
L19	3121 S L15 OR L16 OR L17 OR L18
L20	3 S L13 AND L19

	Issue Date	Pages	Document ID	Title
1	20040318	17	US 20040053927 A1	Certain amino-substituted monocycles as kinase modulators
2	20040318	30	US 20040053257 A1	Methods for diagnosis and treatment of psychiatric disorders
3	20040304	184	US 20040043466 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
4	20040212	570	US 20040029114 A1	Methods of diagnosis of breast cancer, compositions and methods of screening for modulators of breast cancer
5	20040205	165	US 20040024181 A1	Novel human proteins, polynucleotides encoding them and methods of using the same
6	20040205	141	US 20040023276 A1	LXR-ligand induced genes and proteins
7	20040129	234	US 20040018525 A1	Methods and compositions for the prediction, diagnosis, prognosis, prevention and treatment of malignant neoplasma
8	20040129	22	US 20040018485 A1	Multiplexed analysis of cells
9	20040115	16	US 20040010306 A1	Medical device and method for tissue removal and repair

	Issue Date	Pages	Document ID	Title
10	20040108	58	US 20040005624 A1	84573, a human protein kinase family member and uses therefor
11	20031218	111	US 20030232408 A1	ISOLATED HUMAN KINASE PROTEINS
12	20031211	122	US 20030228595 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
13	20031204	31	US 20030224509 A1	DAP-kinase and HOXA9, two human genes associated with genesis, progression, and aggressiveness of non-small cell lung cancer
14	20031204	186	US 20030224360 A9	Interventions to mimic the effects of calorie restriction
15	20031113	19	US 20030212073 A1	Imidazo[1,2-a]pyrazin-8-ylamines, method of making, and method of use thereof
16	20031113	46	US 20030211606 A1	Antisense modulation of DYRK4 expression
17	20031106	128	US 20030207311 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof



	Issue Date	Pages	Document ID	Title
18	20031002	46	US 20030186995 A1	Substituted bicyclic derivatives useful as anticancer agents
19	20030925	520	US 20030180930 A1	Novel human protein kinase, phosphatase, and protease family members and uses thereof
20	20030925	8	US 20030180924 A1	Formulation of certain pyrazolo [3,4,-d] pyrimidines as kinase modulators
21	20030904	85	US 20030166215 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
22	20030904		US 20030165809 A1	MARKs as modifiers of the p53 pathway and methods of use
23	20030821		US 20030158139 A1	Decreasing adipose mass by altering RSK2 activity
24	20030821		US 20030157679 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
25	20030814		US 20030153018 A1	Methods and compositions for treating cancer using 2192, 2193, 6568, 8895, 9138, 9217, 9609, 9857, 9882, 10025, 20657, 21163, 25848, 25968, 32603, 32670, 33794, 54476 and 94710

	Issue Date	Pages	Document ID	Title
26	20030814		US 20030152945 A1	Cell cycle progression proteins
27	20030731		US 20030144506 A1	Processes for the preparation of substituted bicyclic derivatives for the treatment of abnormal cell growth
28	20030724	460	US 20030138432 A1	Selective cellular targeting: multifunctional delivery vehicles, multifunctional prodrugs, use as antineoplastic drugs
29	20030717		US 20030134319 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
30	20030703		US 20030124540 A1	Interventions to mimic the effects of calorie restriction
31	20030626		US 20030119037 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
32	20030501		US 20030082511 A1	Identification of modulatory molecules using inducible promoters
33	20030313		US 20030049795 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
34	20030306		US 20030045491 A1	TTK in diagnosis and as a therapeutic target in cancer
35	20030220		US 20030036526 A1	Leptin-mediated gene-induction

	Issue Date	Pages	Document ID	Title
36	20030206		US 20030027307 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
37	20030130		US 20030022835 A1	Compositions isolated from skin cells and methods for their use
38	20030130		US 20030022341 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
39	20030130		US 20030022337 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
40	20030130		US 20030022232 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
41	20021219		US 20020192204 A1	15985, a novel human serine/threonine protein kinase family member and uses thereof
42	20021114		US 20020169165 A1	Substituted bicyclic derivatives for the treatment of abnormal cell growth
43	20021003		US 20020142348 A1	Protein-protein interactions and methods for identifying interacting proteins and the amino acid sequence at the site of interaction

	Issue Date	Pages	Document ID	Title
44	20020912		US 20020127683 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
45	20020829		US 20020119548 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
46	20020815		US 20020110811 A1	Variants of protein kinases
47	20020711		US 20020090625 A1	Methods of detecting cancer based on prostasin
48	20020627		US 20020082189 A1	ISOLATED HUMAN SERINE/THREONINE KINASE NUCLEIC ACID MOLECULES ENCODING HUMAN SERINE/THREONINE KINASE AND USES THEREOF
49	20020620		US 20020076783 A1	Plants and plants cells expressing histidine tagged intimin
50	20020425		US 20020048756 A1	Analysis of gene family expression
51	20020214		US 20020019519 A1	KIAA0551 polynucleotides and polypeptides use
52	20011025		US 20010034351 A1	Substituted bicyclic derivatives useful as anticancer agents

	Issue Date	Pages	Document ID	Title
53	20040316		US 6706511 B2	Isolated human kinase proteins
54	20040316		US 6706510 B2	Isolated human kinase proteins
55	20040217		US 6692948 B2	Isolated human kinase proteins
56	20040203		US 6686176 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
57	20031125		US 6653117 B2	Isolated human kinase proteins
58	20031028		US 6638745 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
59	20031007		US 6630337 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
60	20030401		US 6541481 B2	Substituted bicyclic derivatives useful as anticancer agents
61	20030225	10	US 6524787 B1	Diagnostics and therapy based on vascular mimicry

	Issue Date	Pages	Document ID	Title
62	20030128		US 6511800 B1	Methods of treating nitric oxide and cytokine mediated disorders
63	20021231		US 6500656 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
64	20021210		US 6492156 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
65	20021210		US 6492155 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
66	20021119		US 6482935 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
67	20021119		US 6482623 B1	Lipid kinase
68	20020924		US 6455291 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
69	20020820		US 6436656 B1	Method for screening a test compound for potential as an immunosuppressive drug candidate
70	20020730		US 6426221 B1	Antisense modulation of RIP2 expression

	Issue Date	Pages	Document ID	Title
71	20020618		US 6406853 B1	Interventions to mimic the effects of calorie restriction
72	20020611		US 6403353 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
73	20020319		US 6358720 B1	Serine/threonine protein kinase
74	20020122		US 6340583 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
75	20011016		US 6303358 B1	ERK3 MAP2 protein kinase
76	20011002		US 6297035 B1	ERK1 MAP2 protein kinase
77	20010904		US 6284764 B1	Substituted bicyclic derivatives useful as anticancer agents
78	20010821		US 6277979 B1	KIAA0551 polynucleotides and polypeptides use
79	20010821		US 6277963 B1	Antibodies directed toward extracellular signal-related kinases

	Issue Date	Pages	Document ID	Title
80	20010710		US 6258776 B1	Calcium-regulated kinase
81	20010515		US 6232065 B1	Analysis of gene family expression
82	19990914		US 5952217 A	Recombinant yeast cell and assay using same
83	19990622		US 5914261 A	Family of MAP2 protein kinases
84	19990216		US 5872006 A	Family of MAP2 protein kinases
85	19990209		US 5869308 A	Detection method for C-RAF-1 genes
86	19981229		US 5854223 A	S-DC28 as an antirestenosis agent after balloon injury
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89	19970121		US 5595904 A	Family of map2 protein kinases

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1	20040318	30	US 20040053257 A1	Methods for diagnosis and treatment of psychiatric disorders
2	20040129	234	US 20040018525 A1	Methods and compositions for the prediction, diagnosis, prognosis, prevention and treatment of malignant neoplasma
3	20030724	460	US 20030138432 A1	Selective cellular targeting: multifunctional delivery vehicles, multifunctional prodrugs, use as antineoplastic drugs
4	20020815	170	US 20020110811 A1	Variants of protein kinases
5	20020711	16	US 20020090625 A1	Methods of detecting cancer based on prostasin
6	19981229	31	US 5854223 A	S-DC28 as an antirestenosis agent after balloon injury

	L #	Hits	Search Text
1	L1	46341	kinase\$2
2	L2	49210	serine or threonine
3	L3	6212	l1 same l2
4	L4	2134	l1 adj5 l2
5	L5	61319 6	clon\$3 or express\$3 or recombinant
6	L6	523	l4 same l5
7	L7	91487	brain or bone adj marrow or lymph adj node
8	L8	36759	thyroid or ovary or fetal adj lung
9	L9	32407	carcinoma or osteosarcoma
10	L10	34	l6 same l9
11	L11	66	l6 same l7
12	L12	22	l6 same l8
13	L13	89	l10 or l11 or l12

	L #	Hits	Search Text
14	L14	38009	YU MIRANDA FRIDDLE-CARL-JOHAN WALKE
15	L15	6	l13 and l14